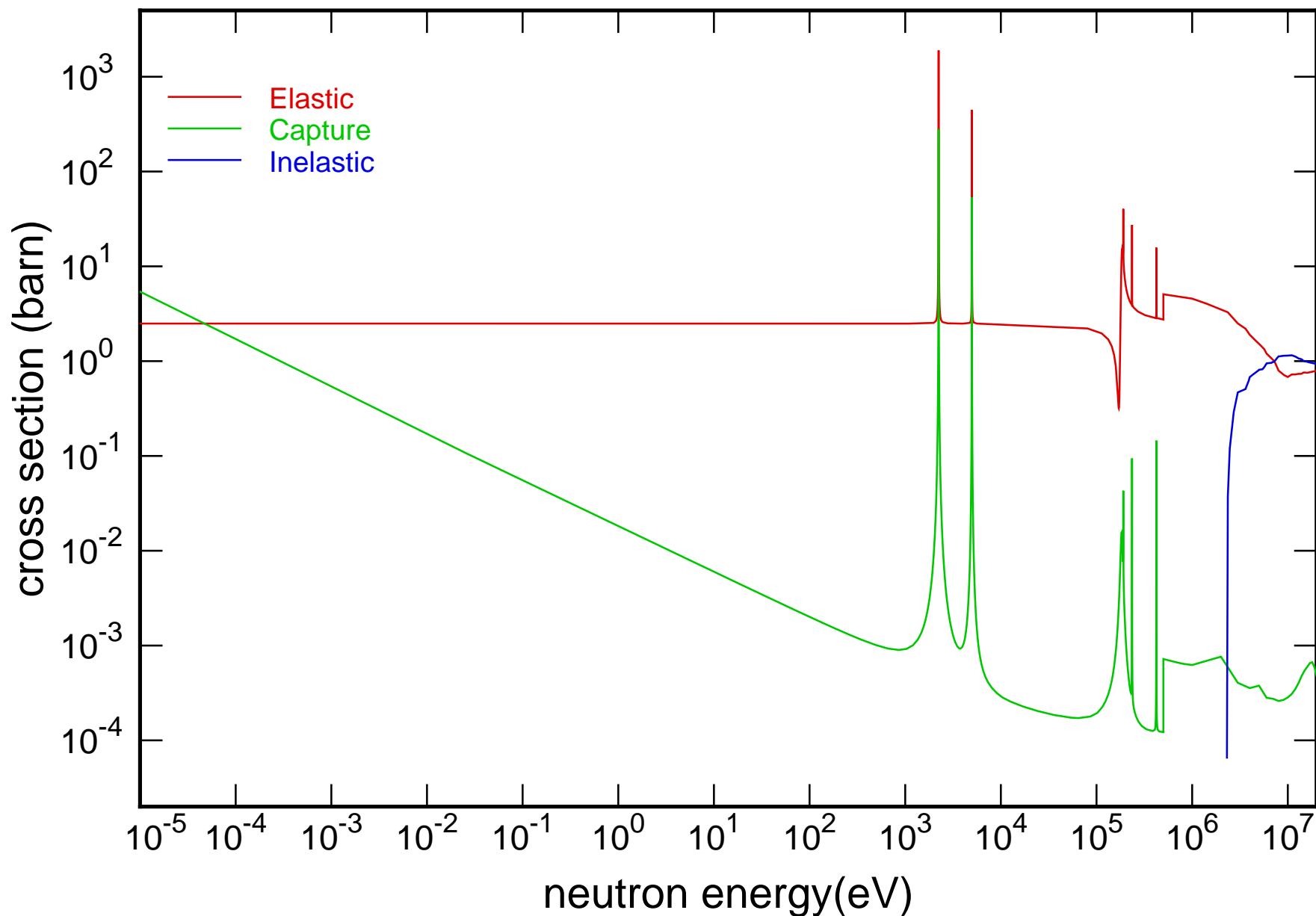
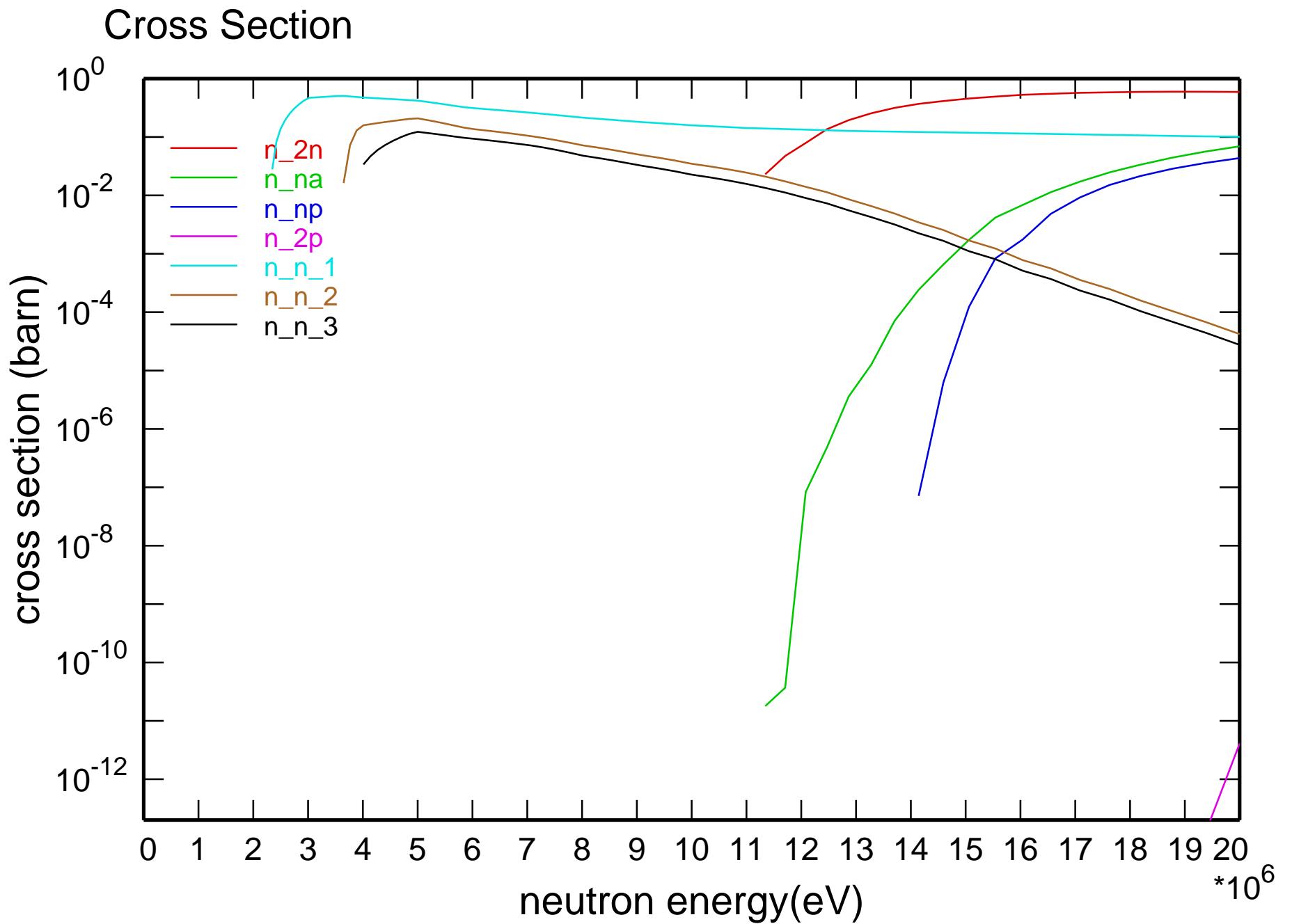
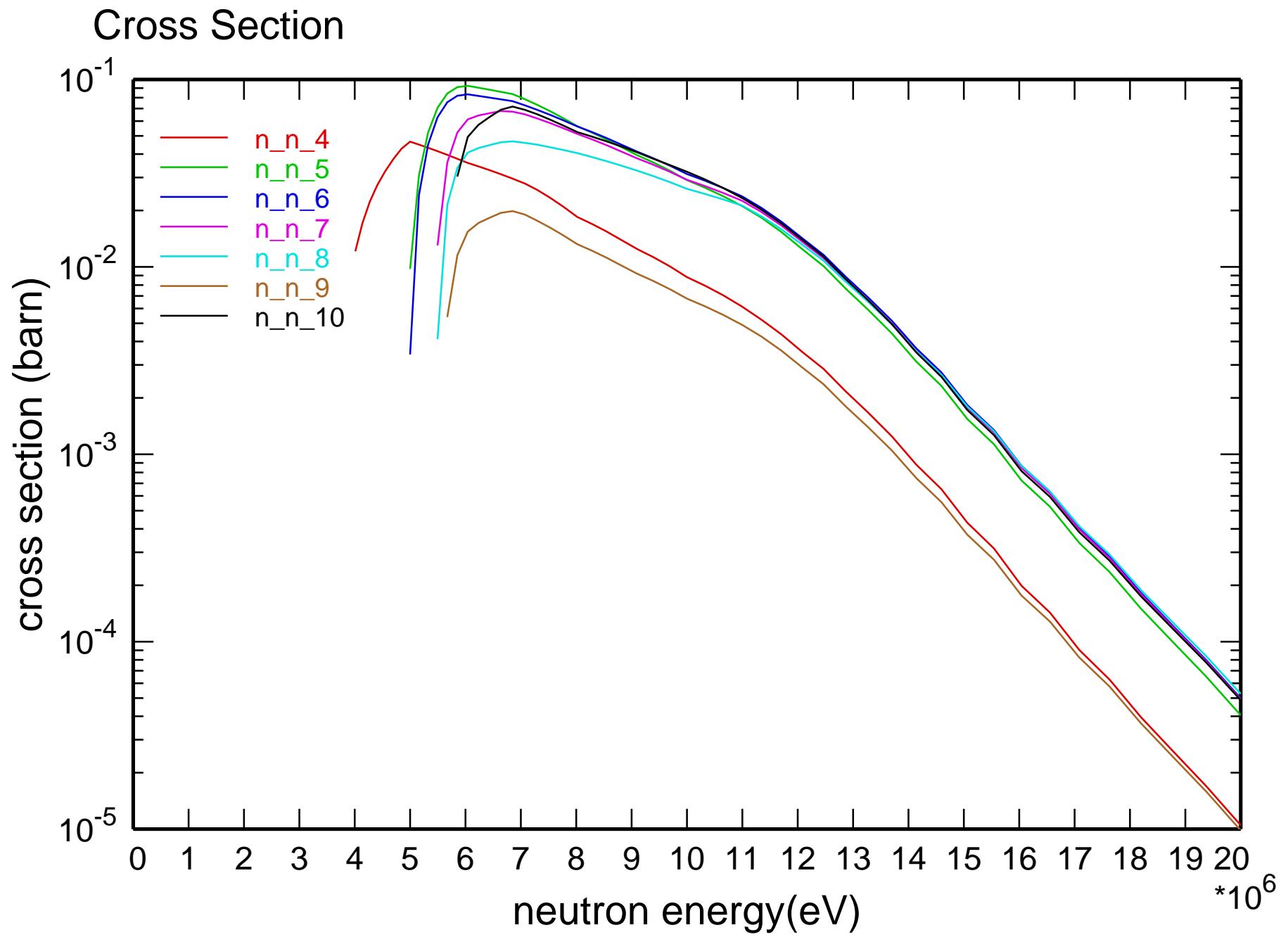
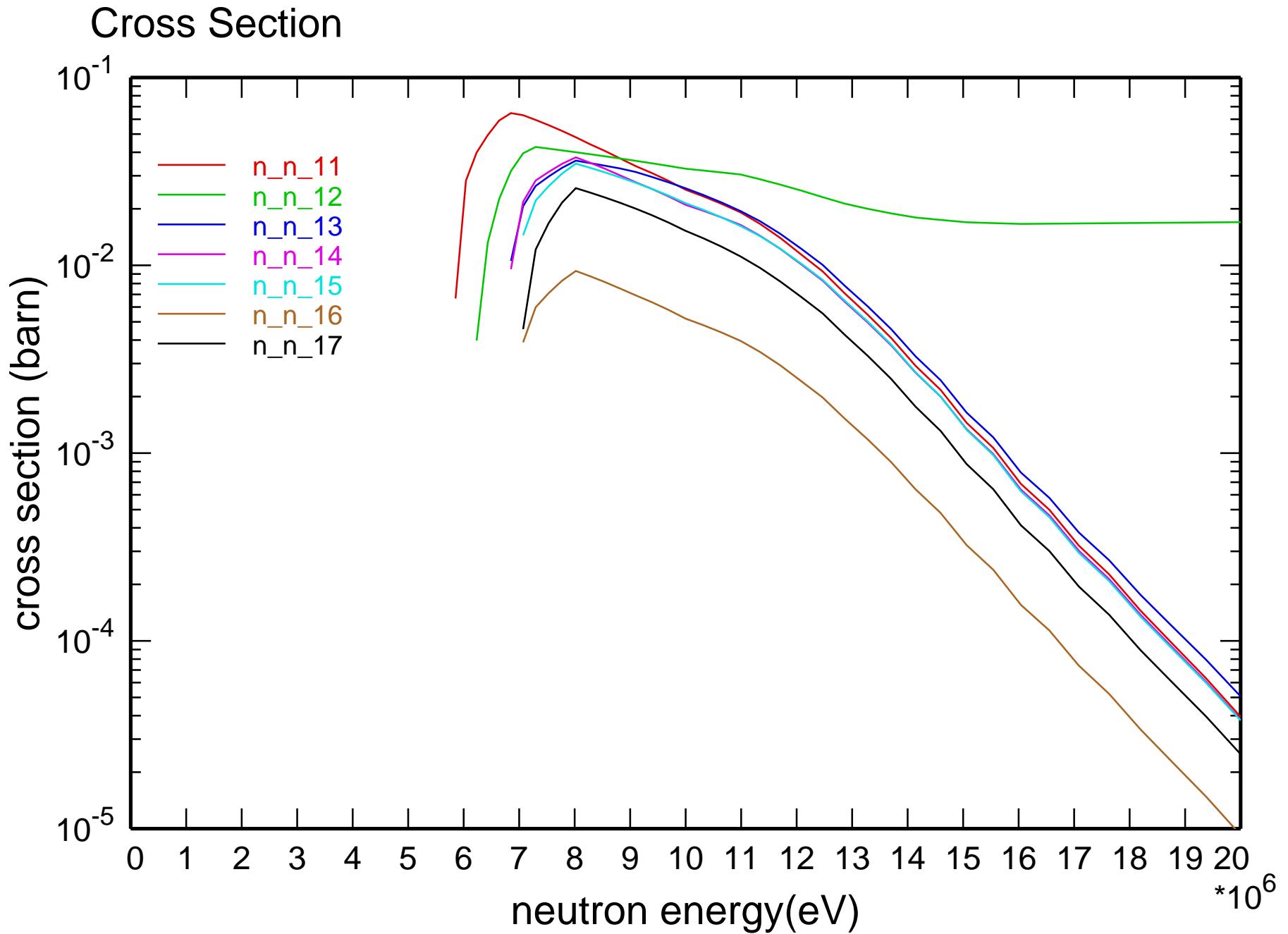


Main Cross Sections

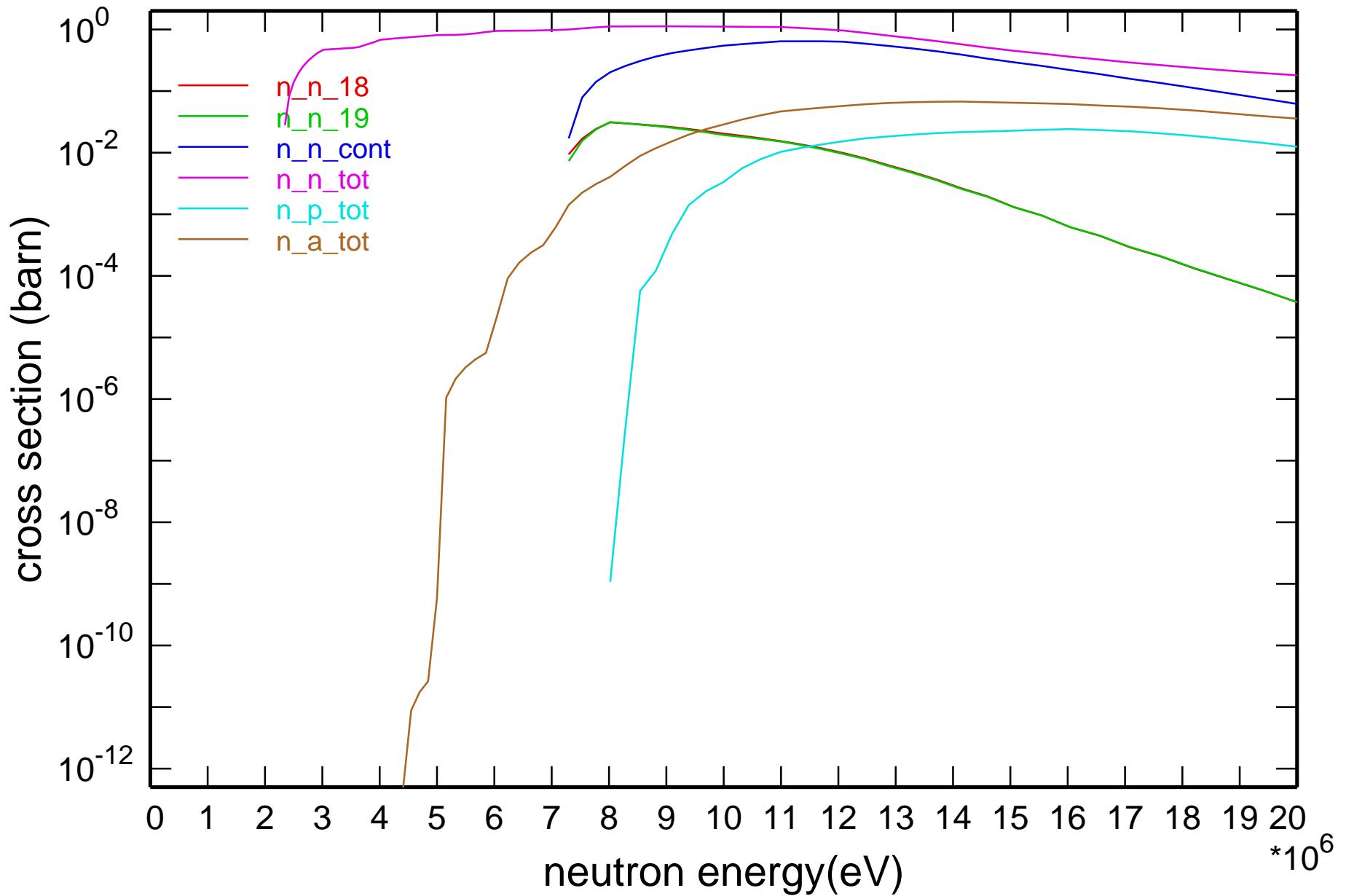


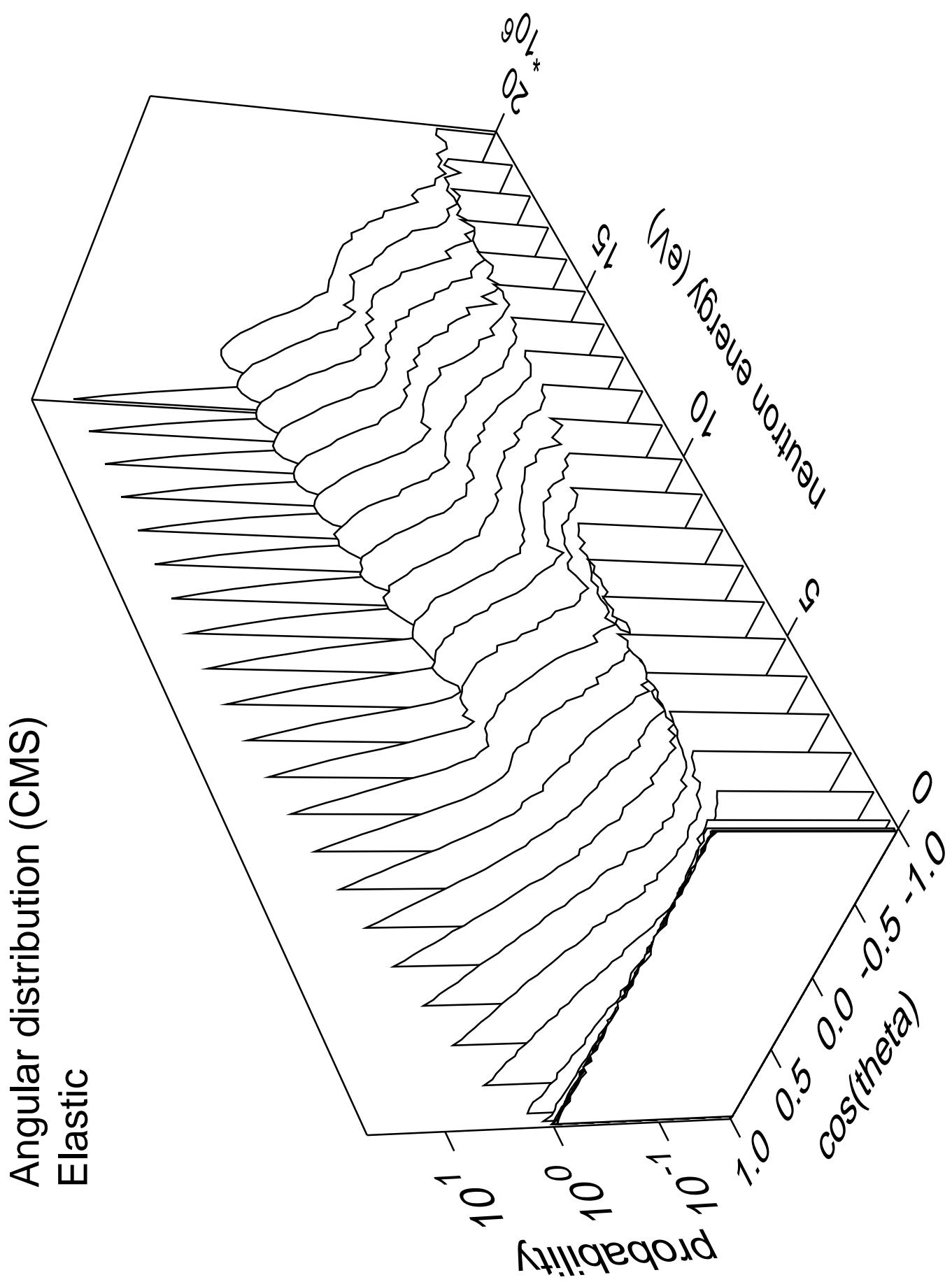


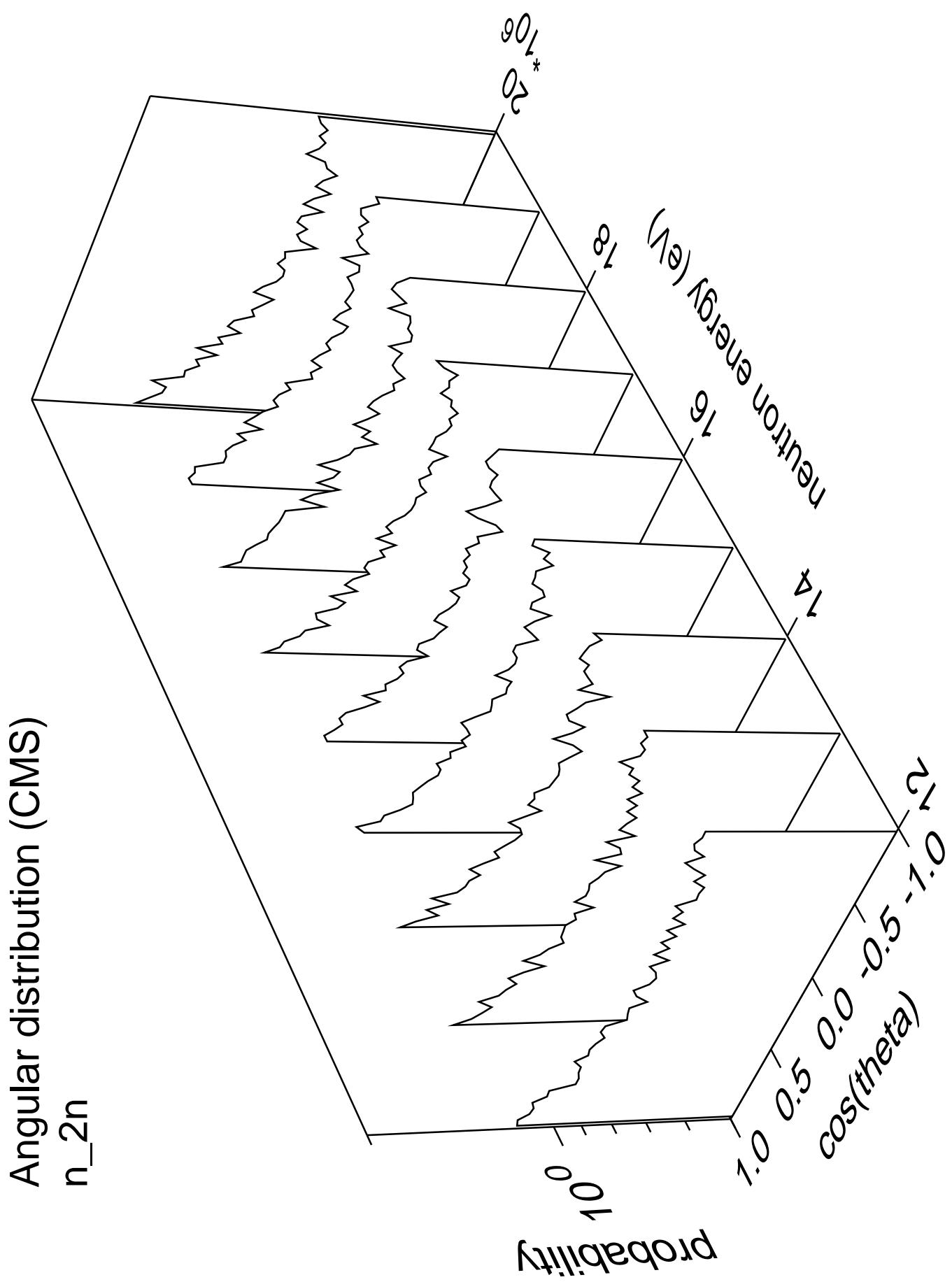


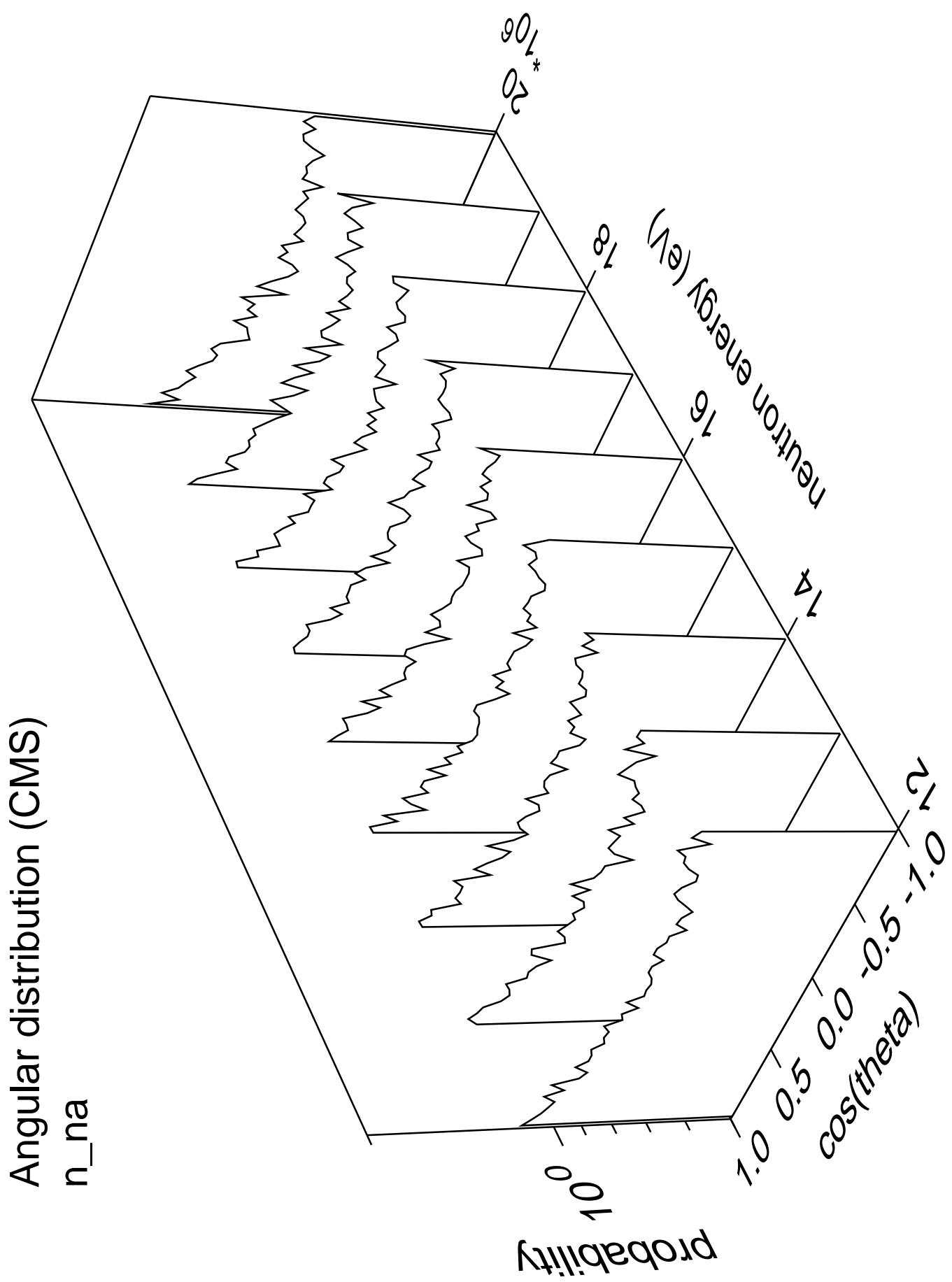


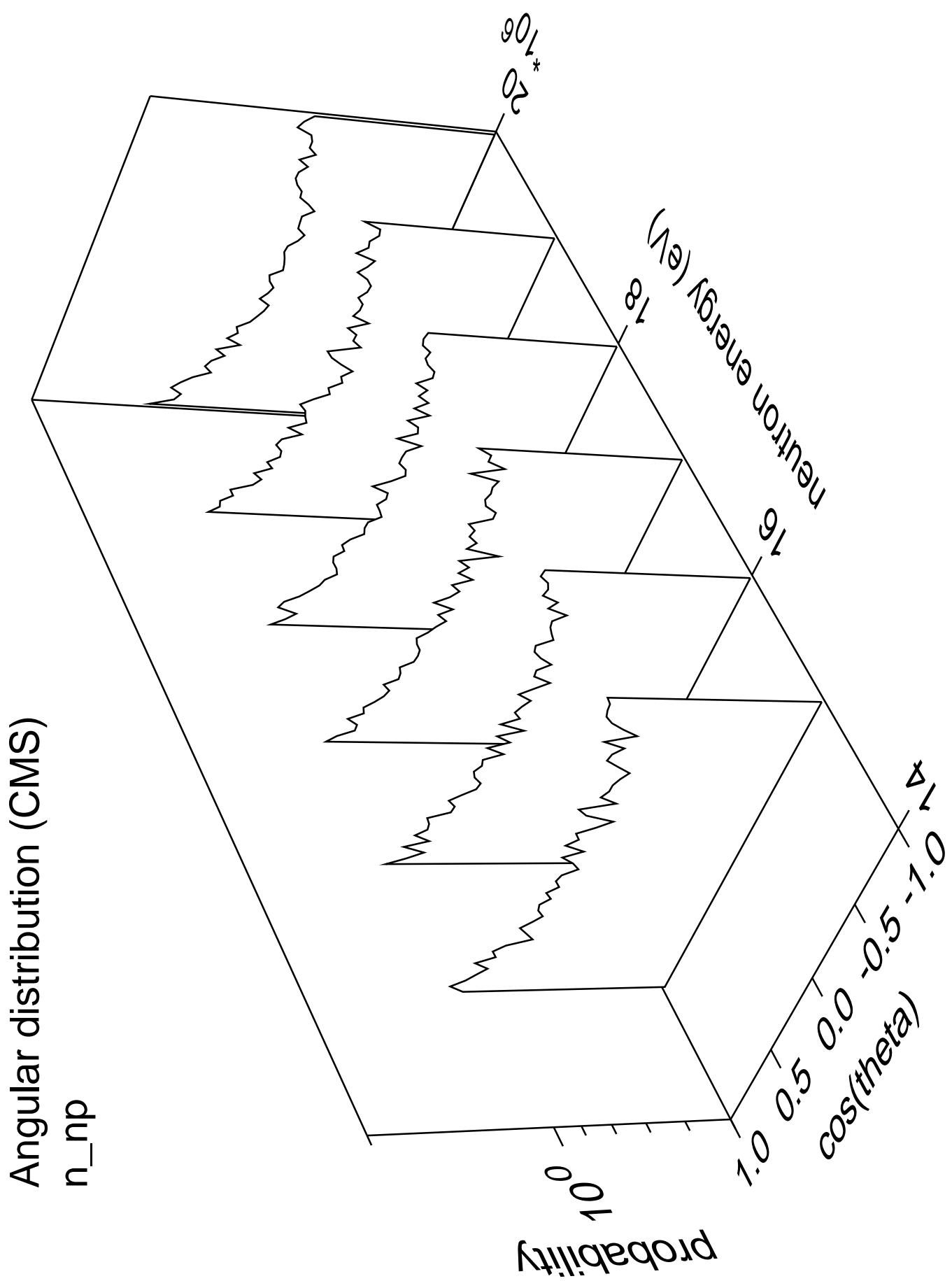
Cross Section

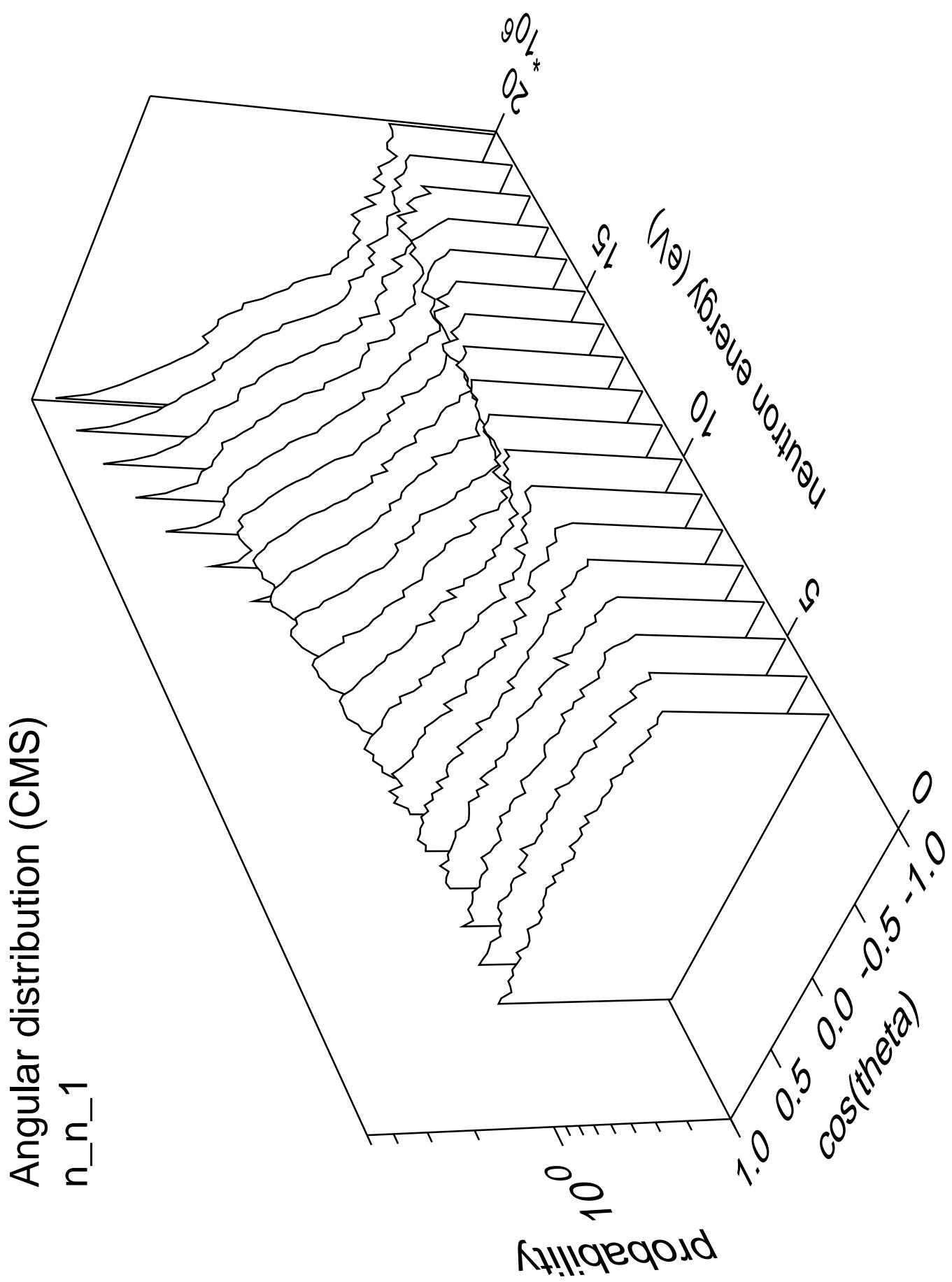


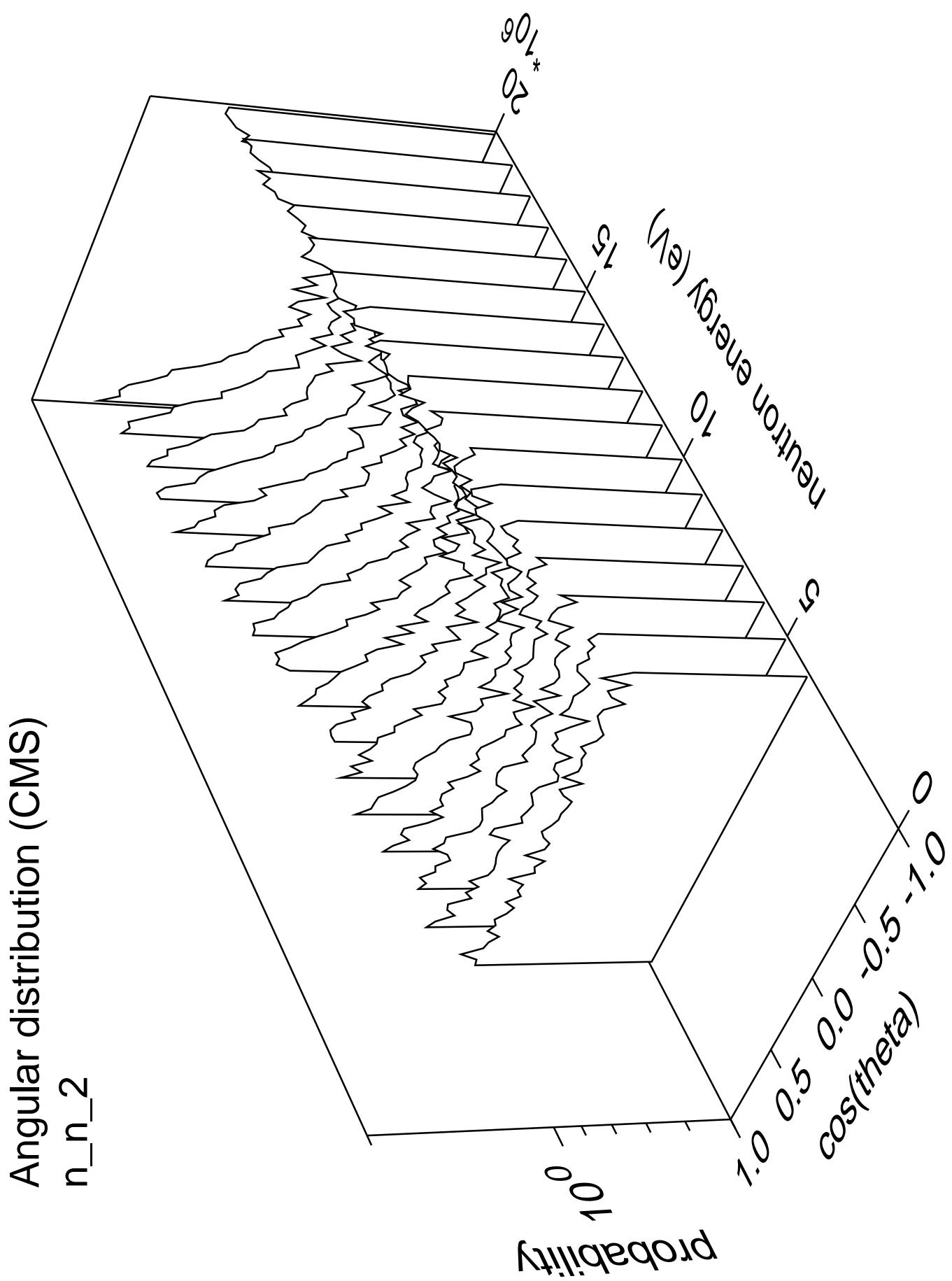


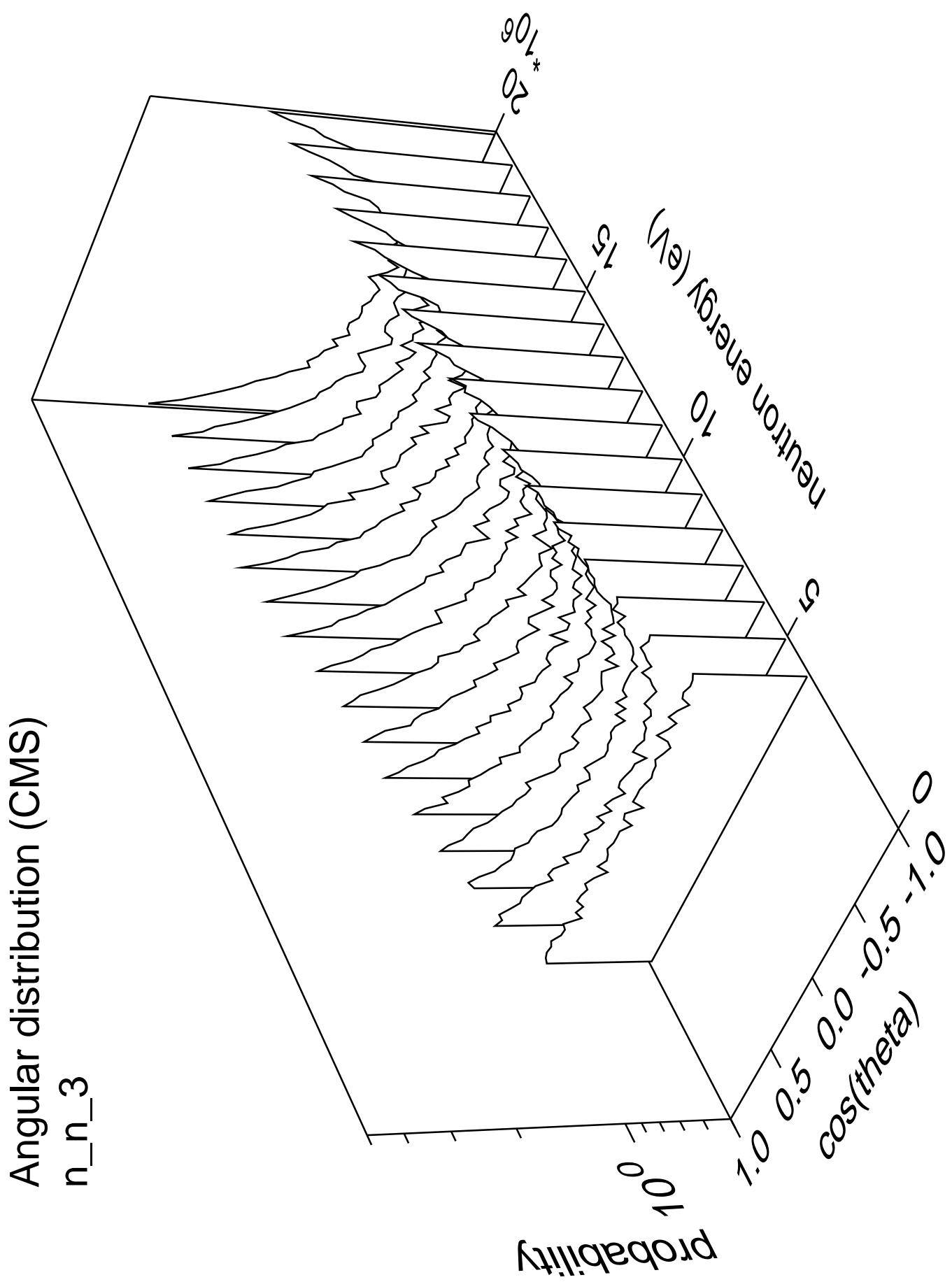


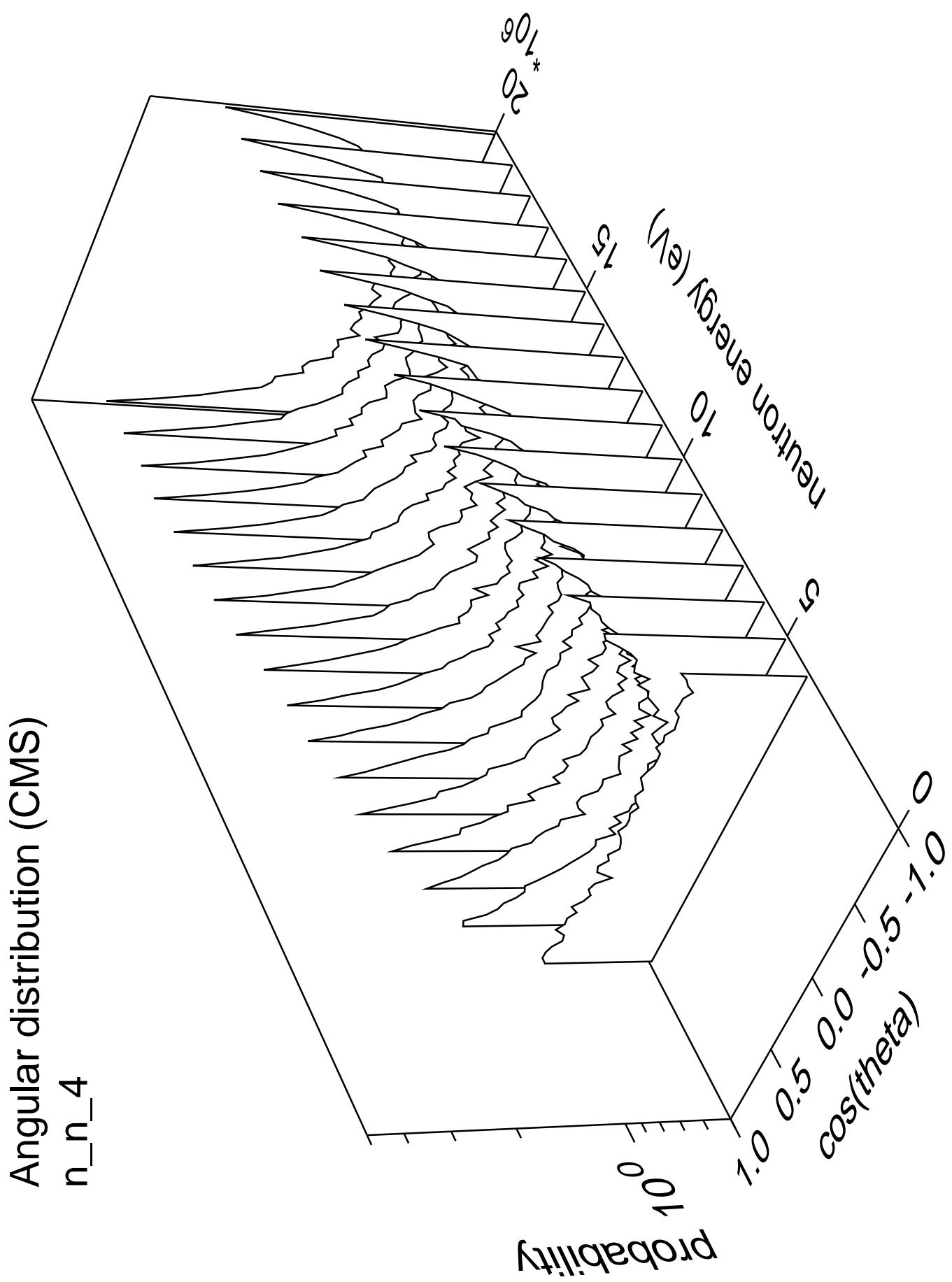


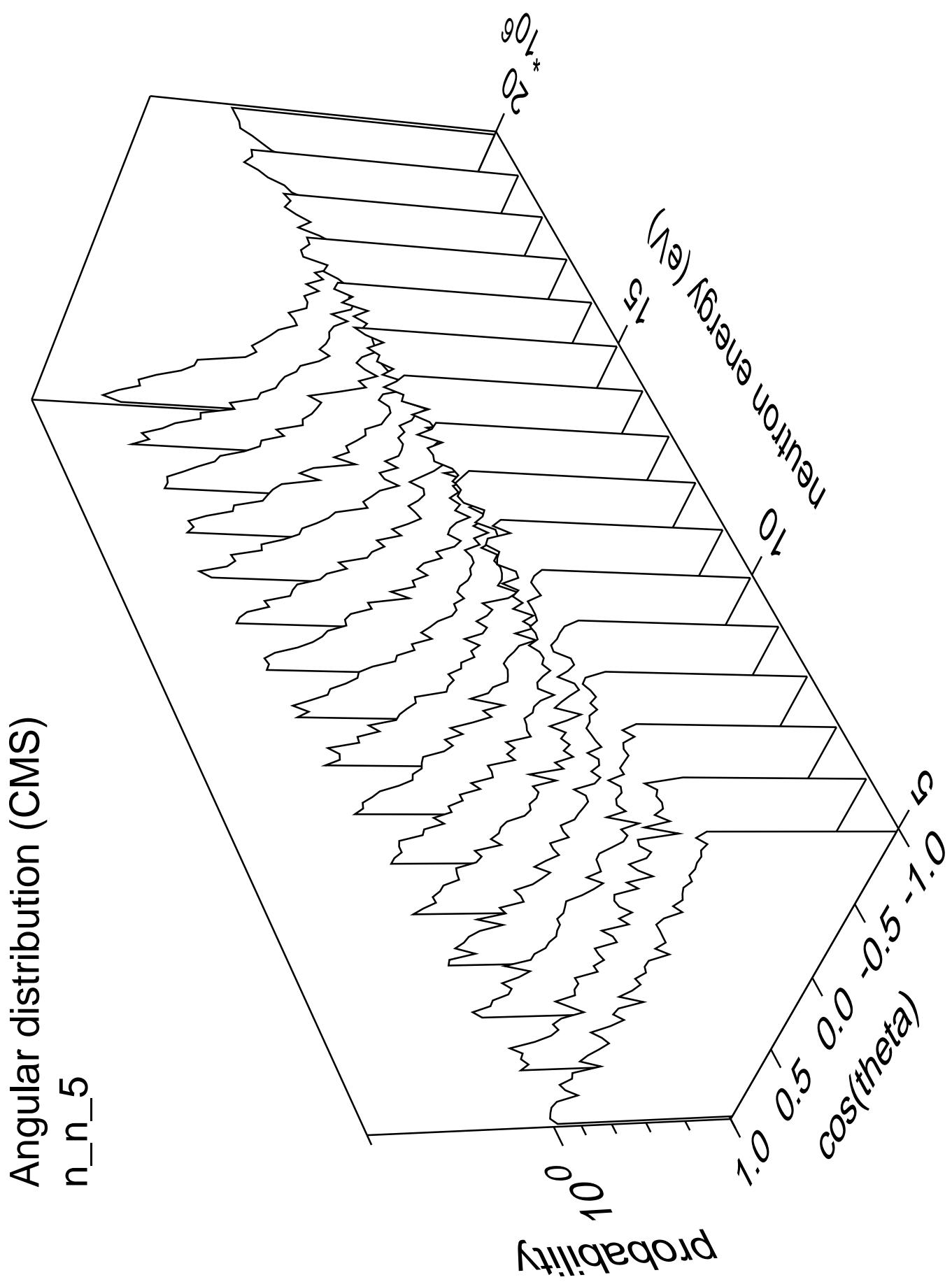


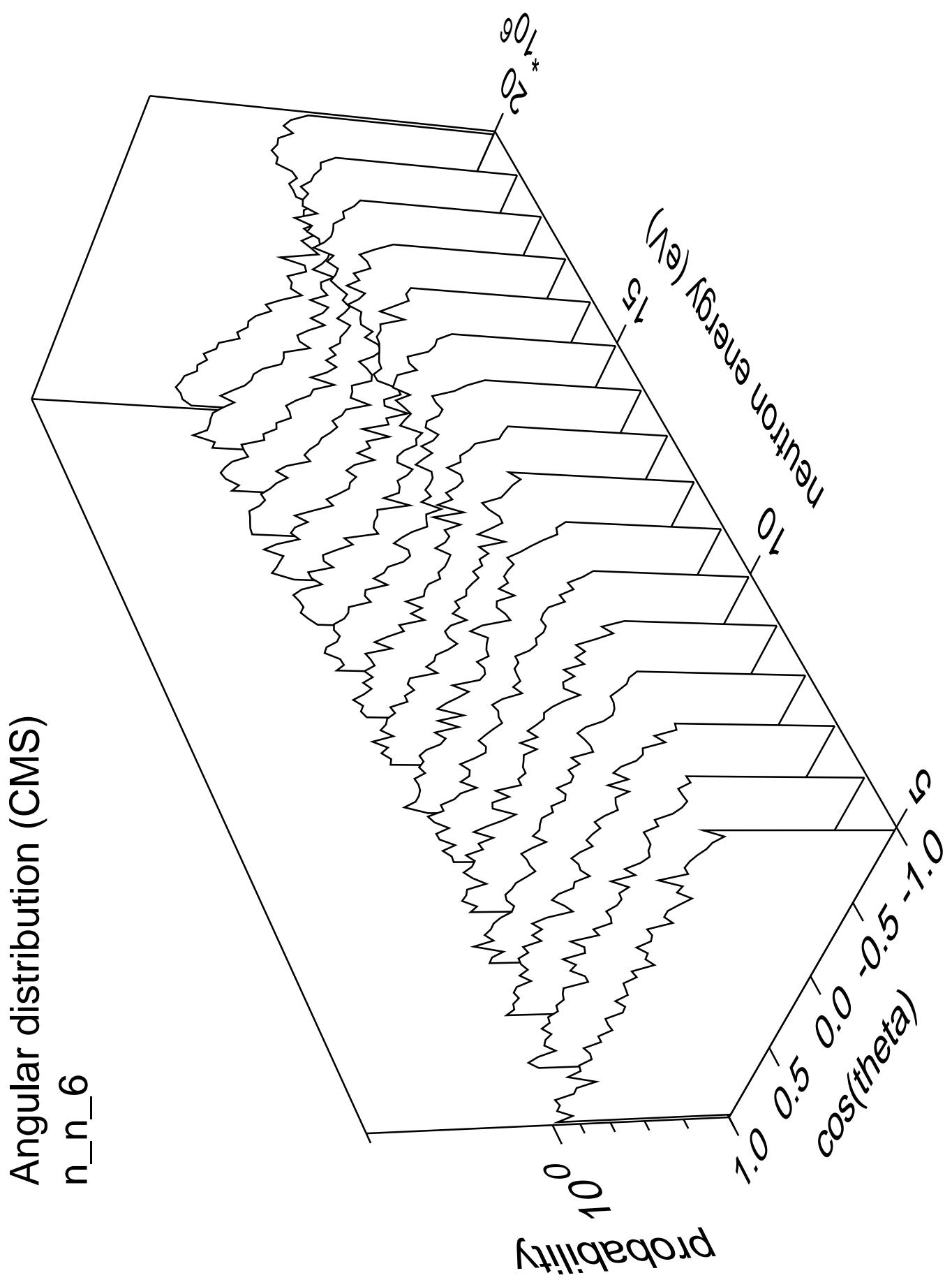


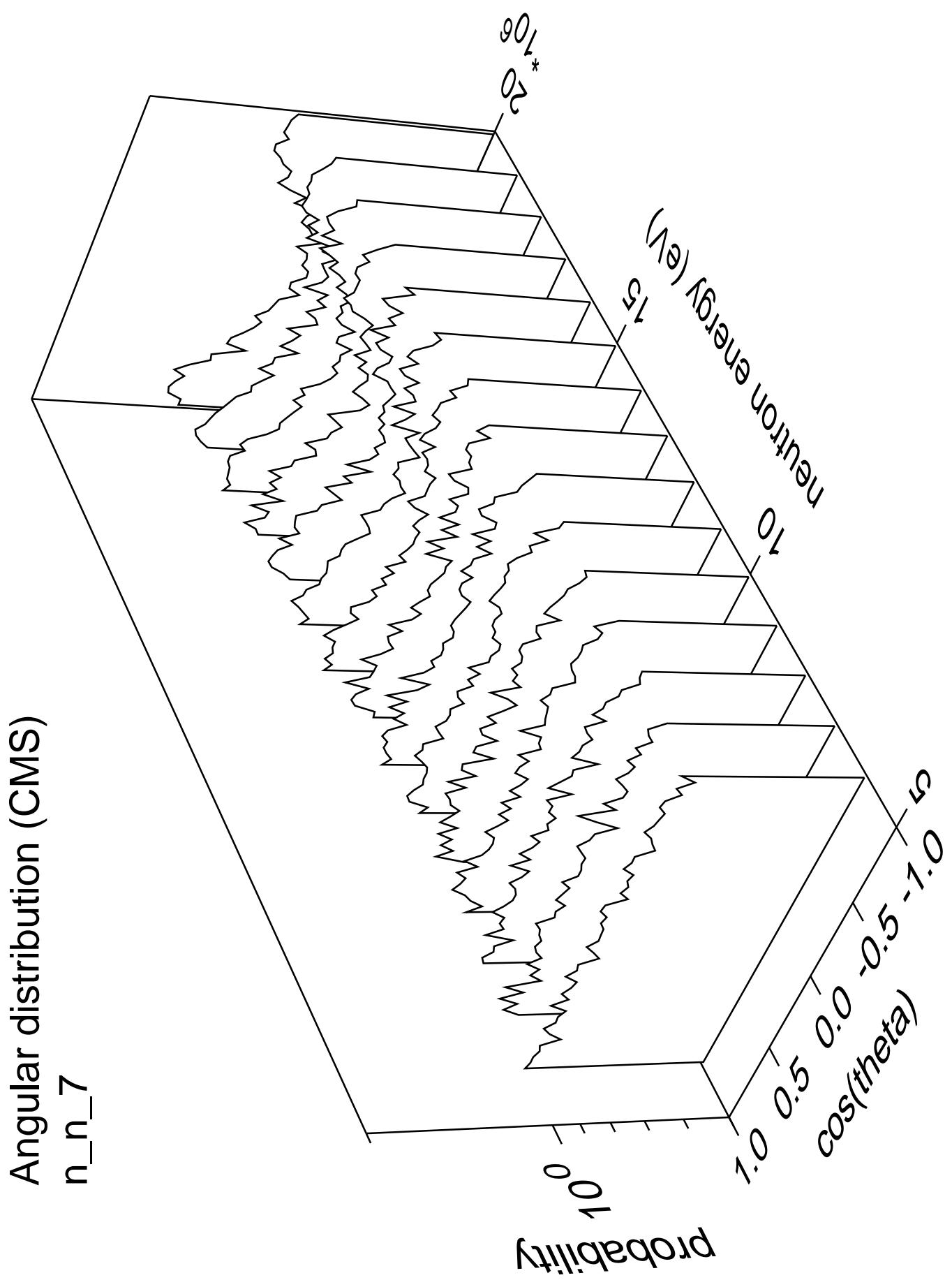


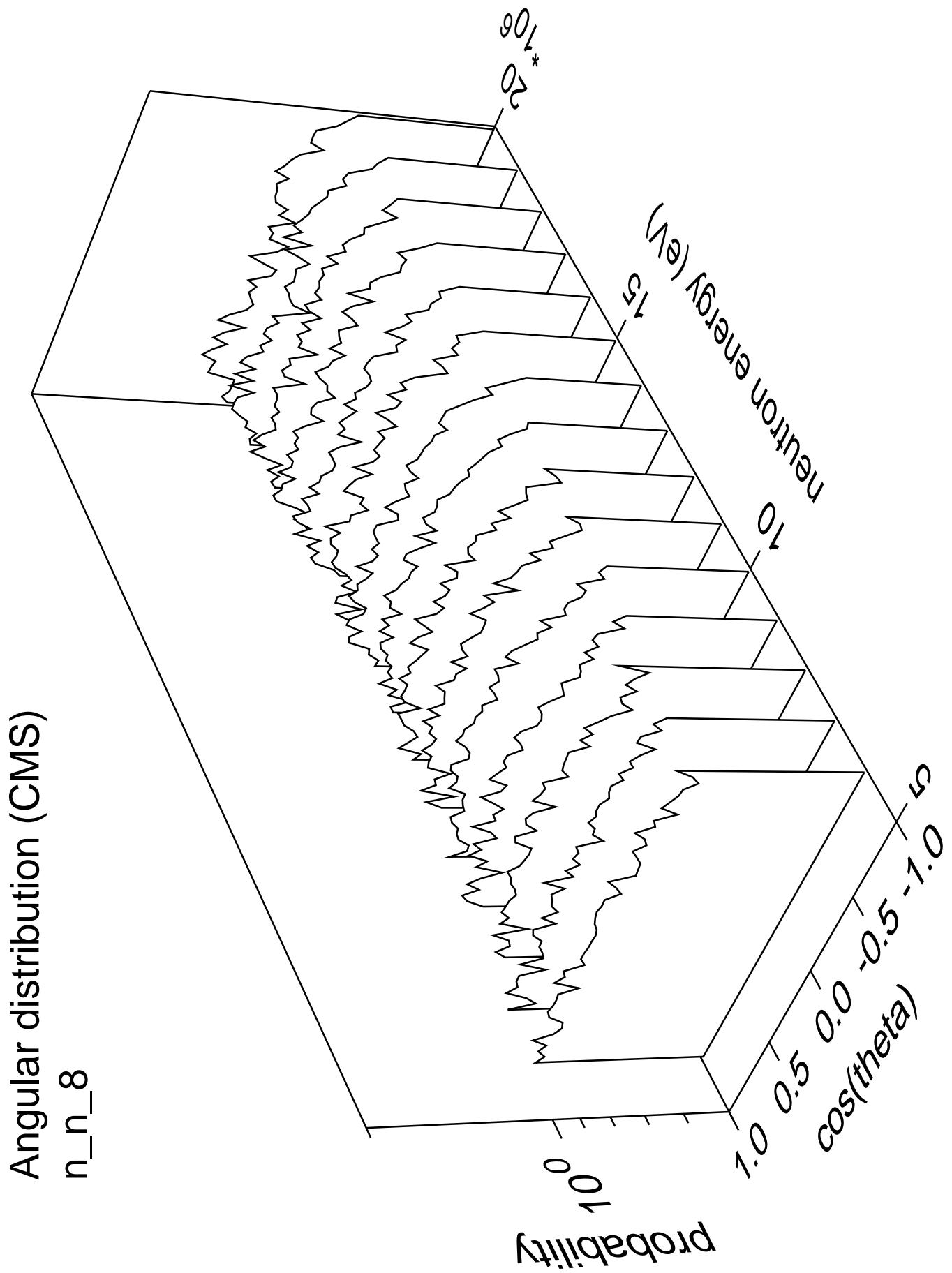


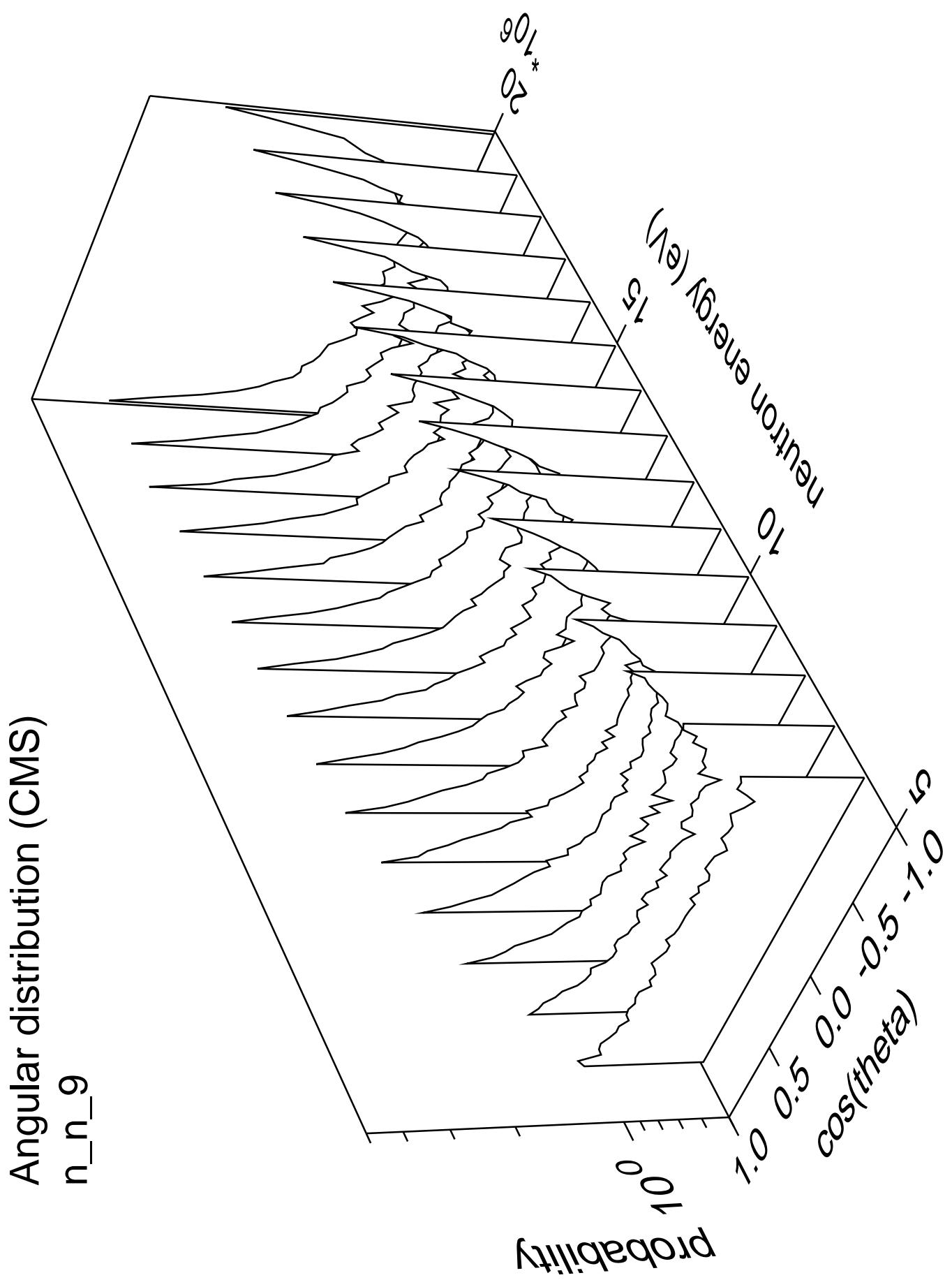


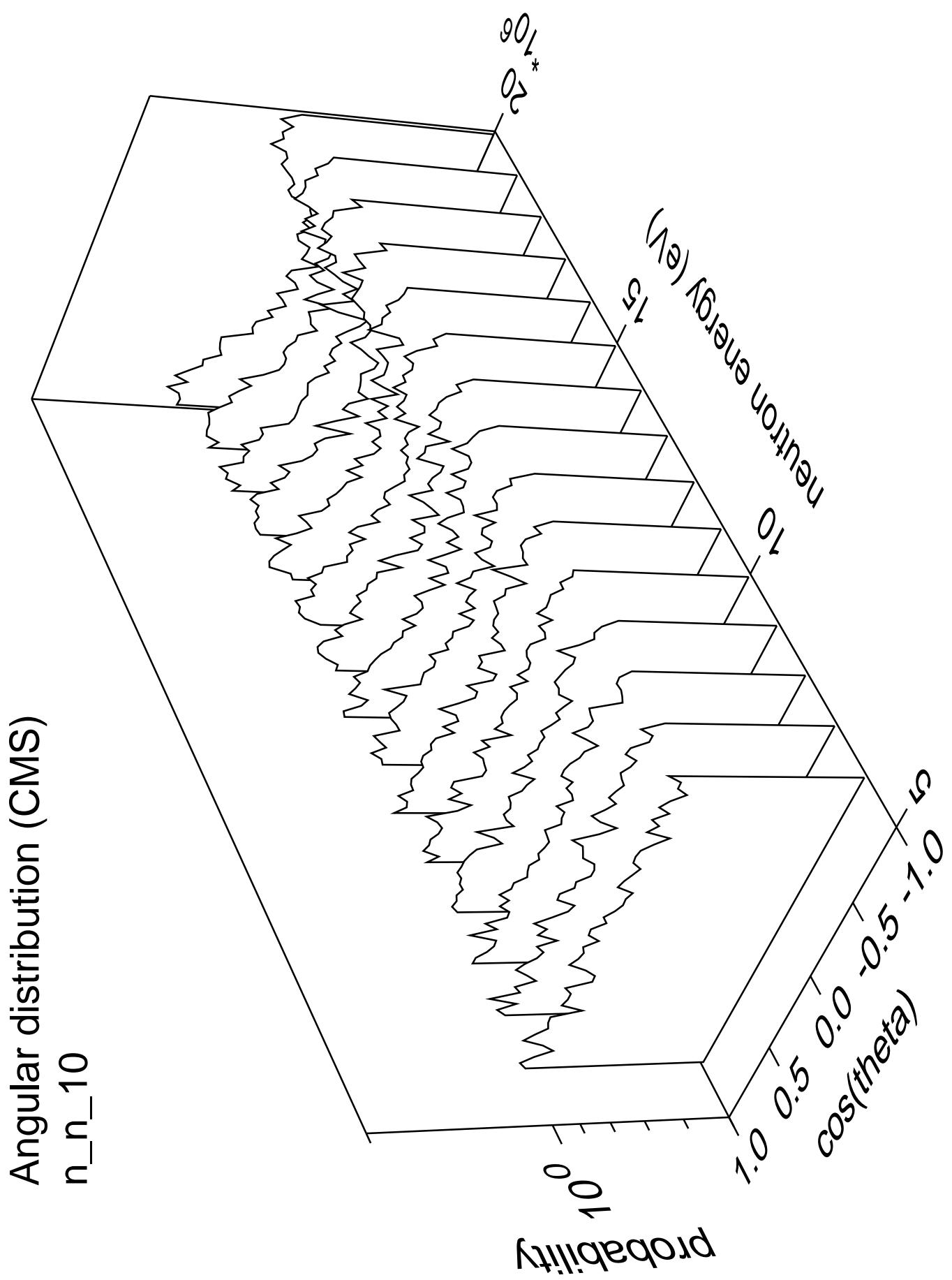


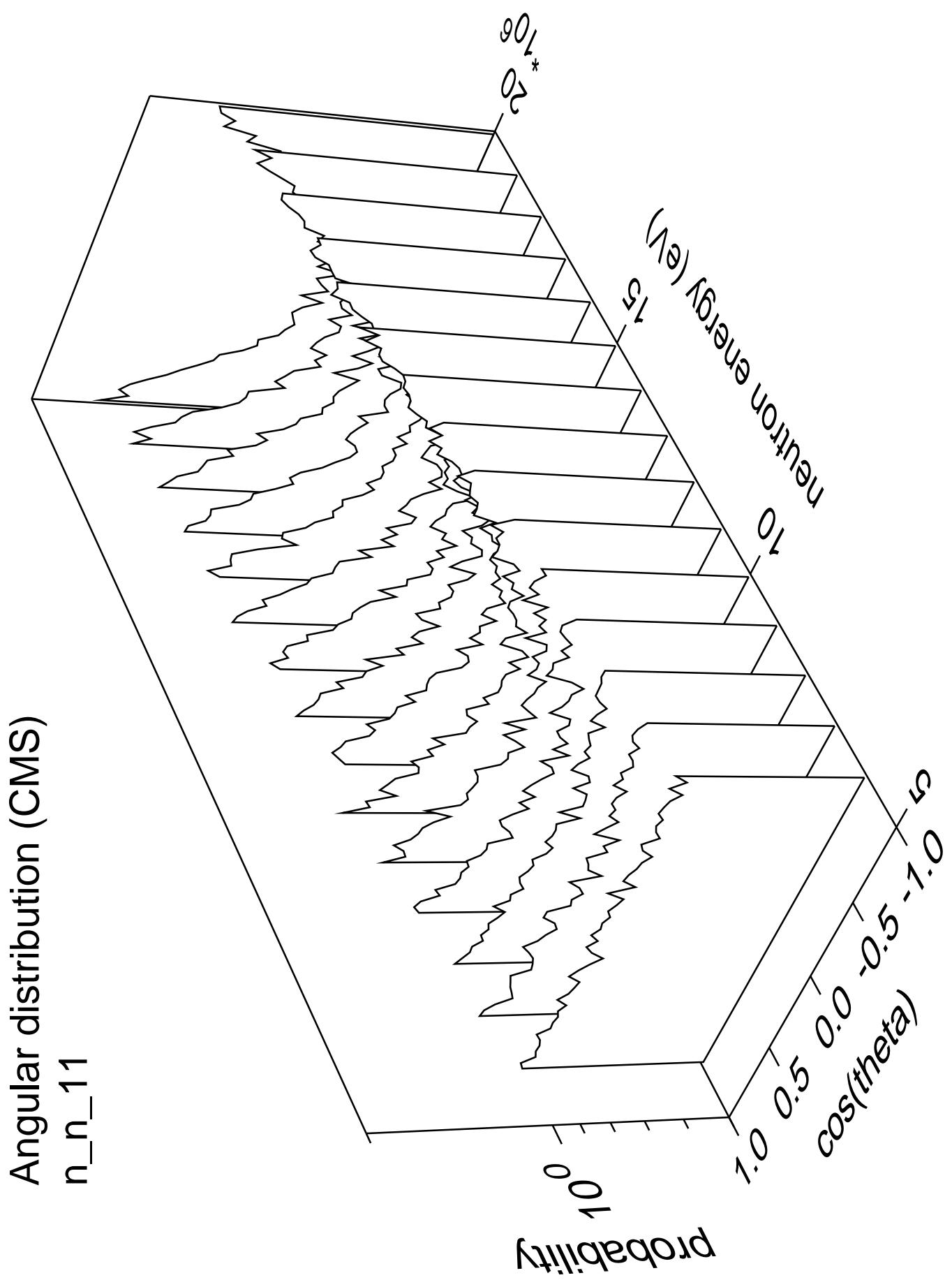


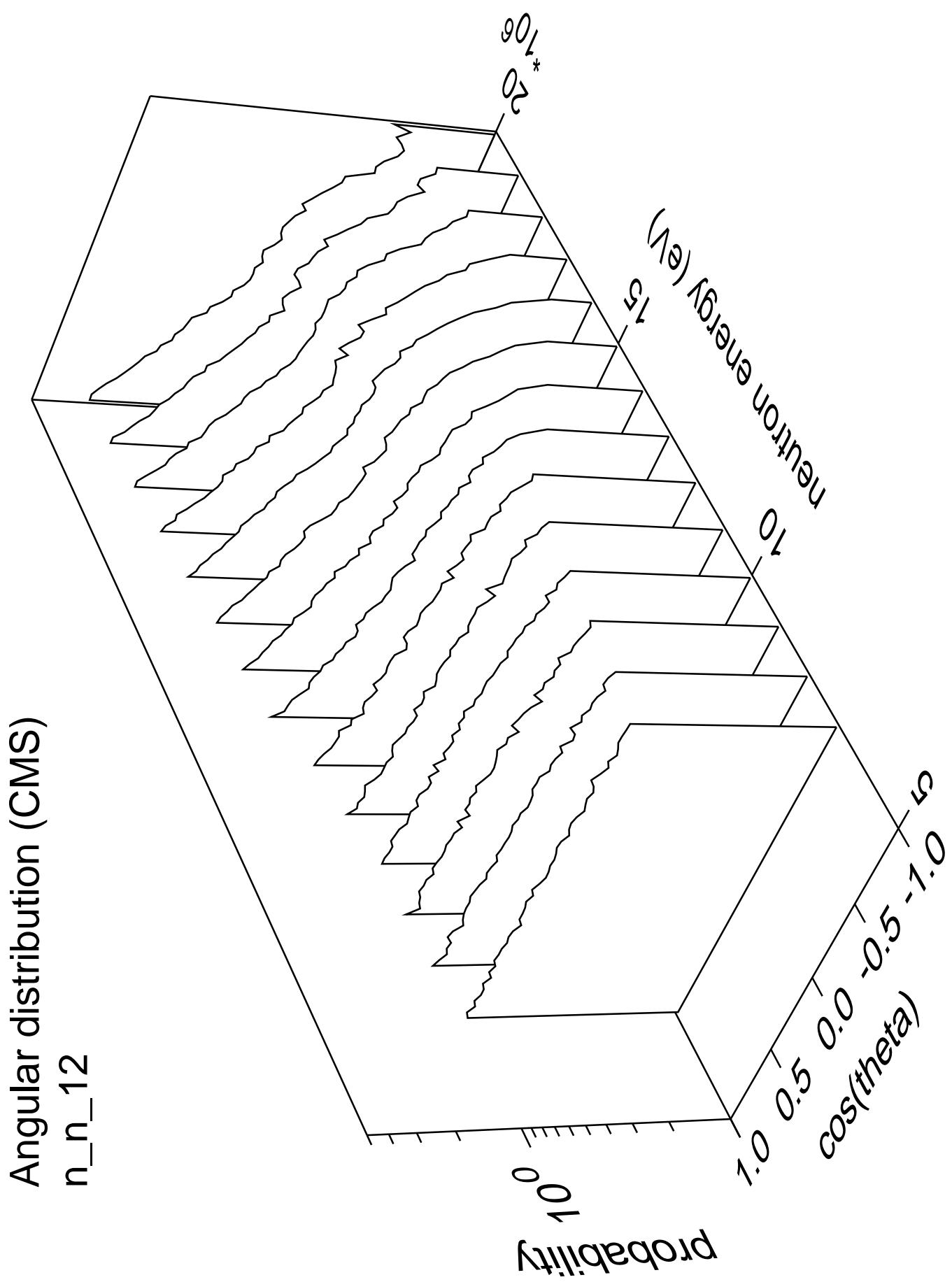


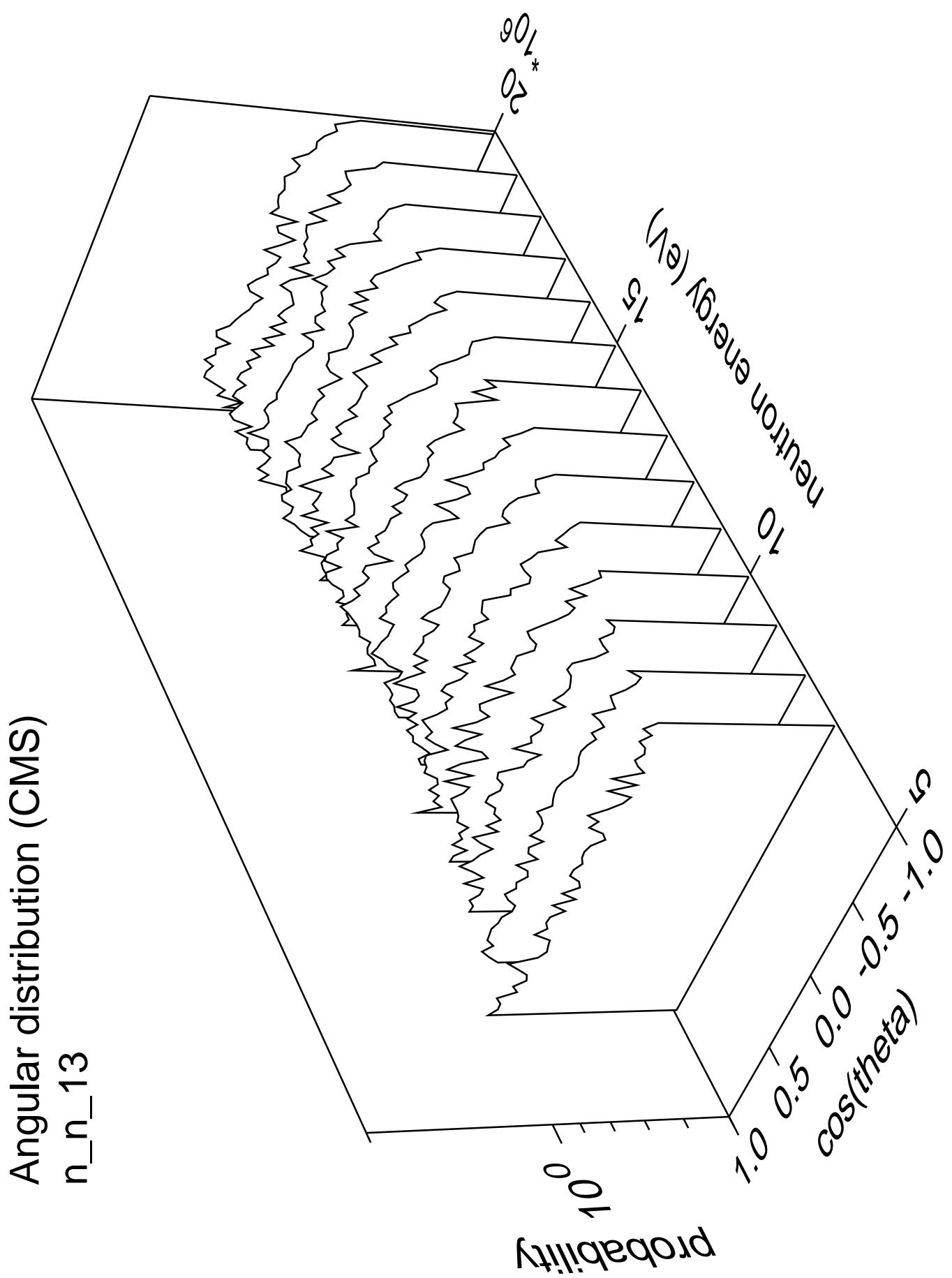


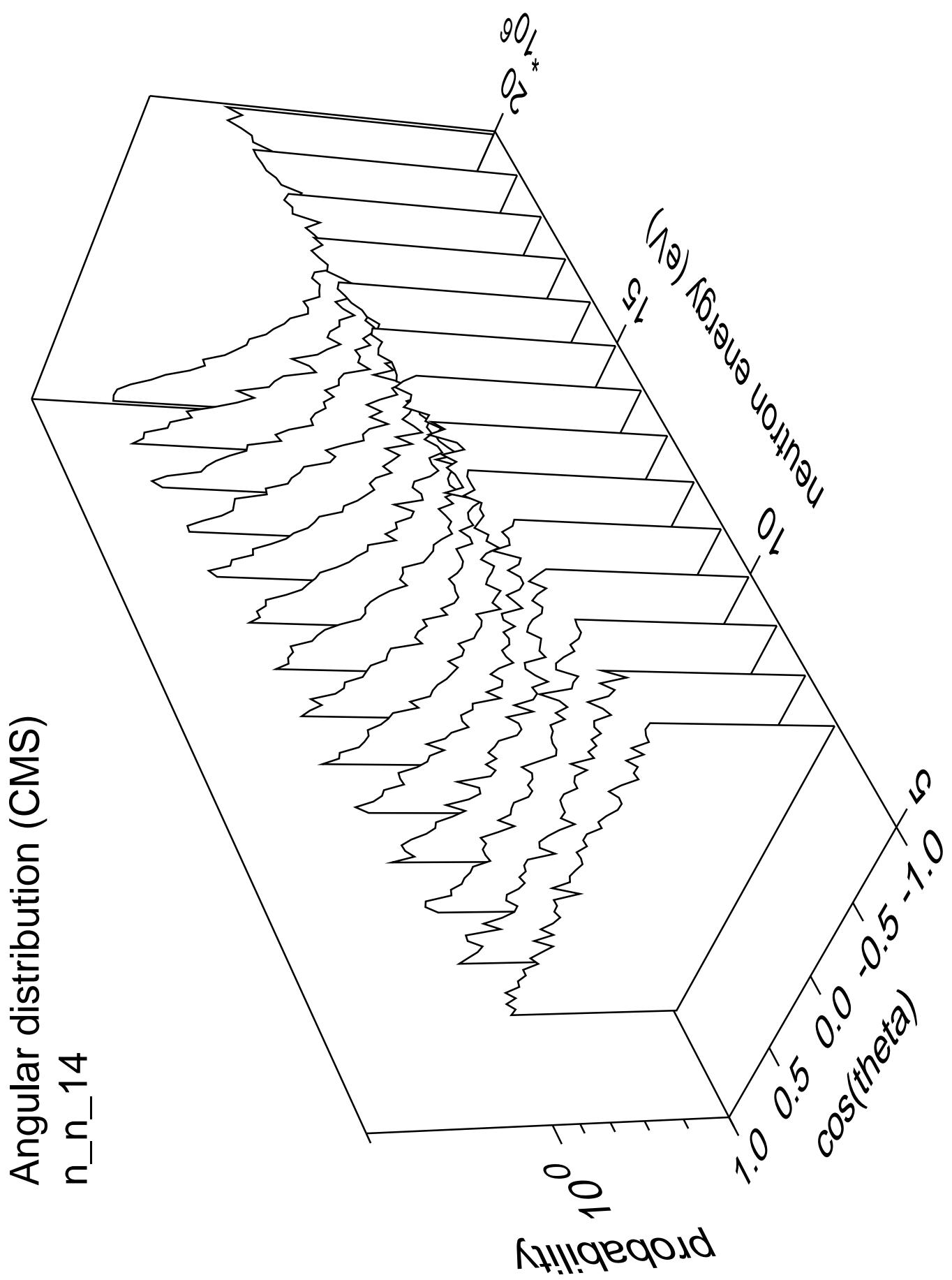


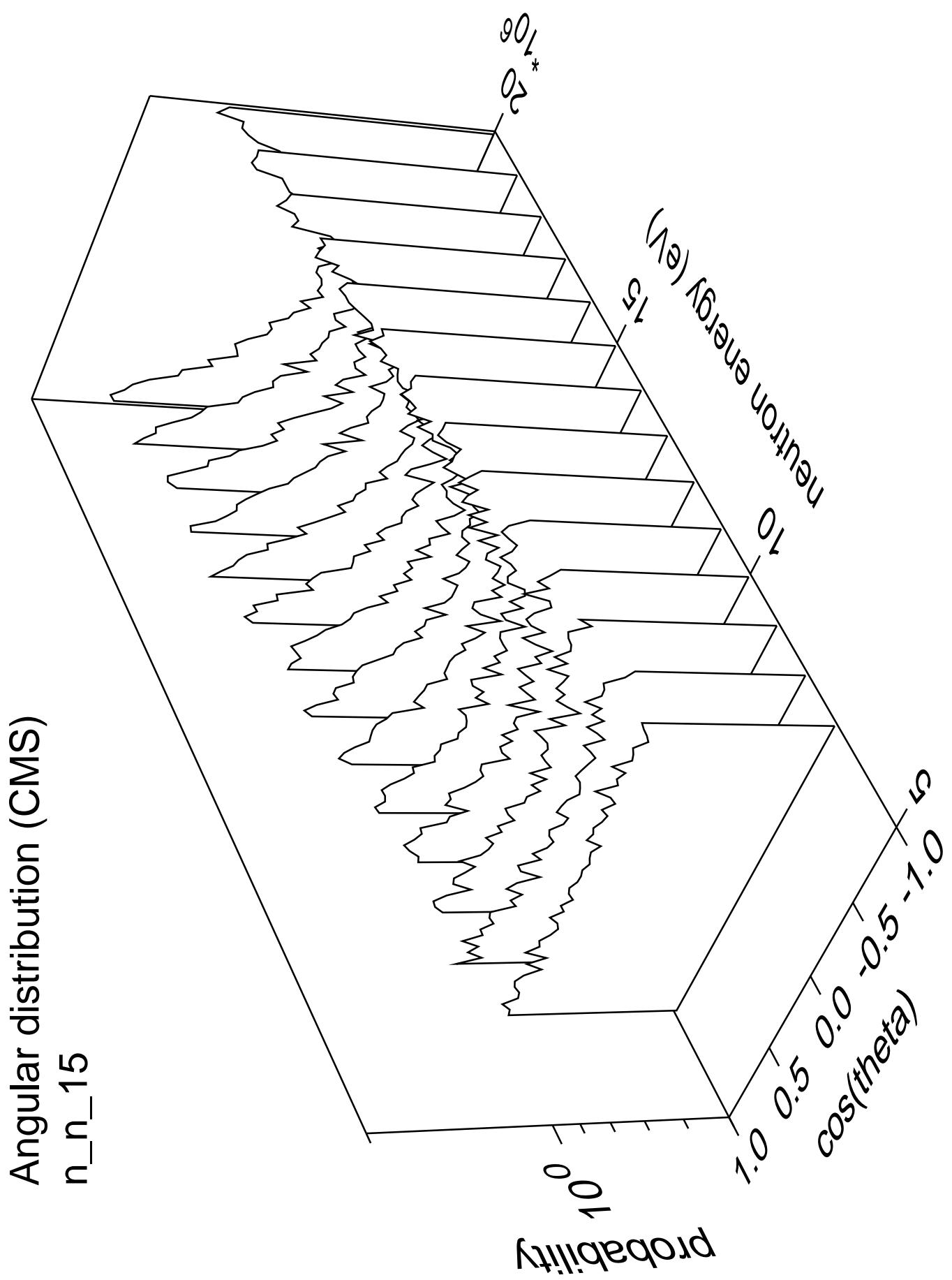


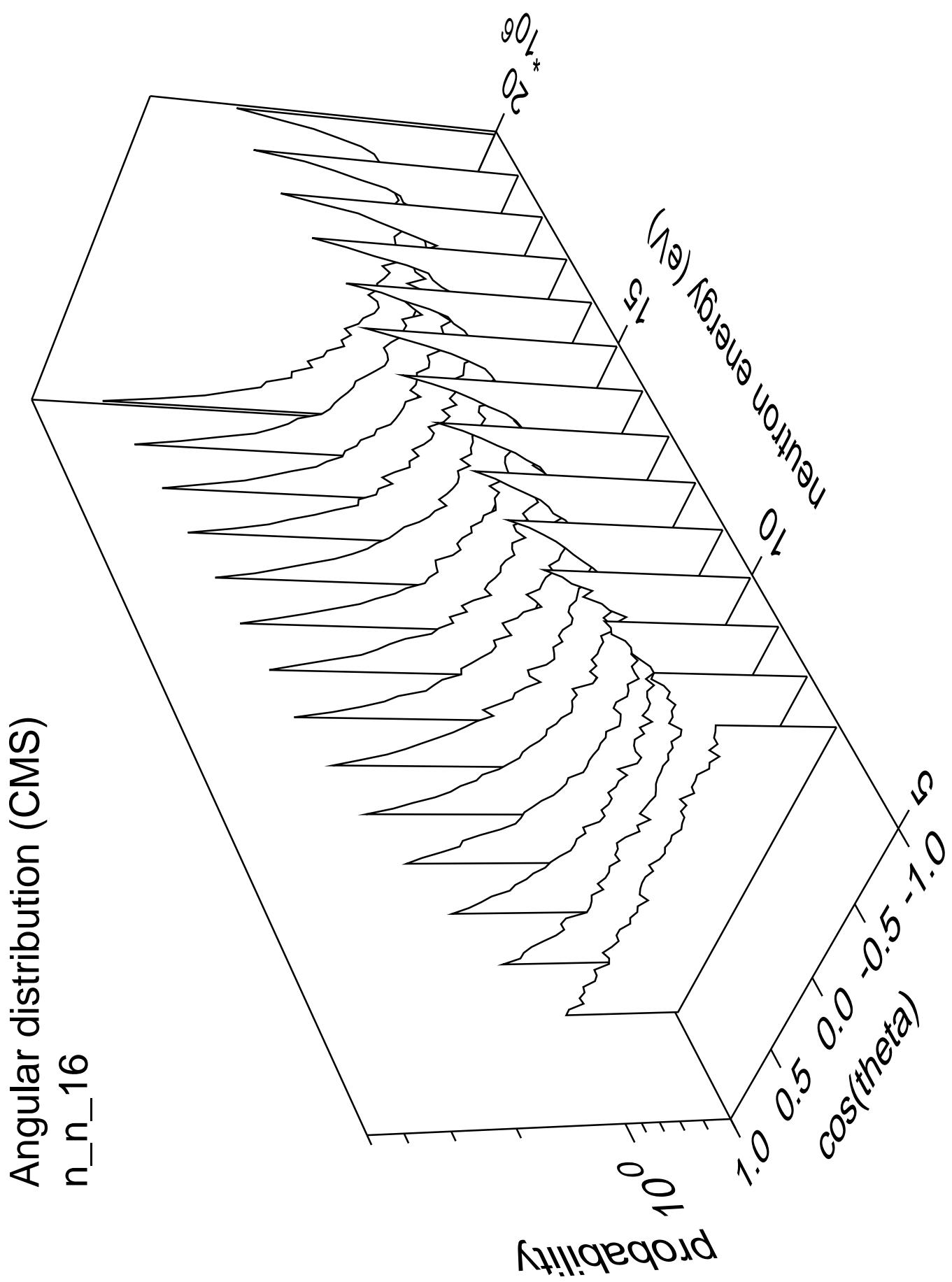


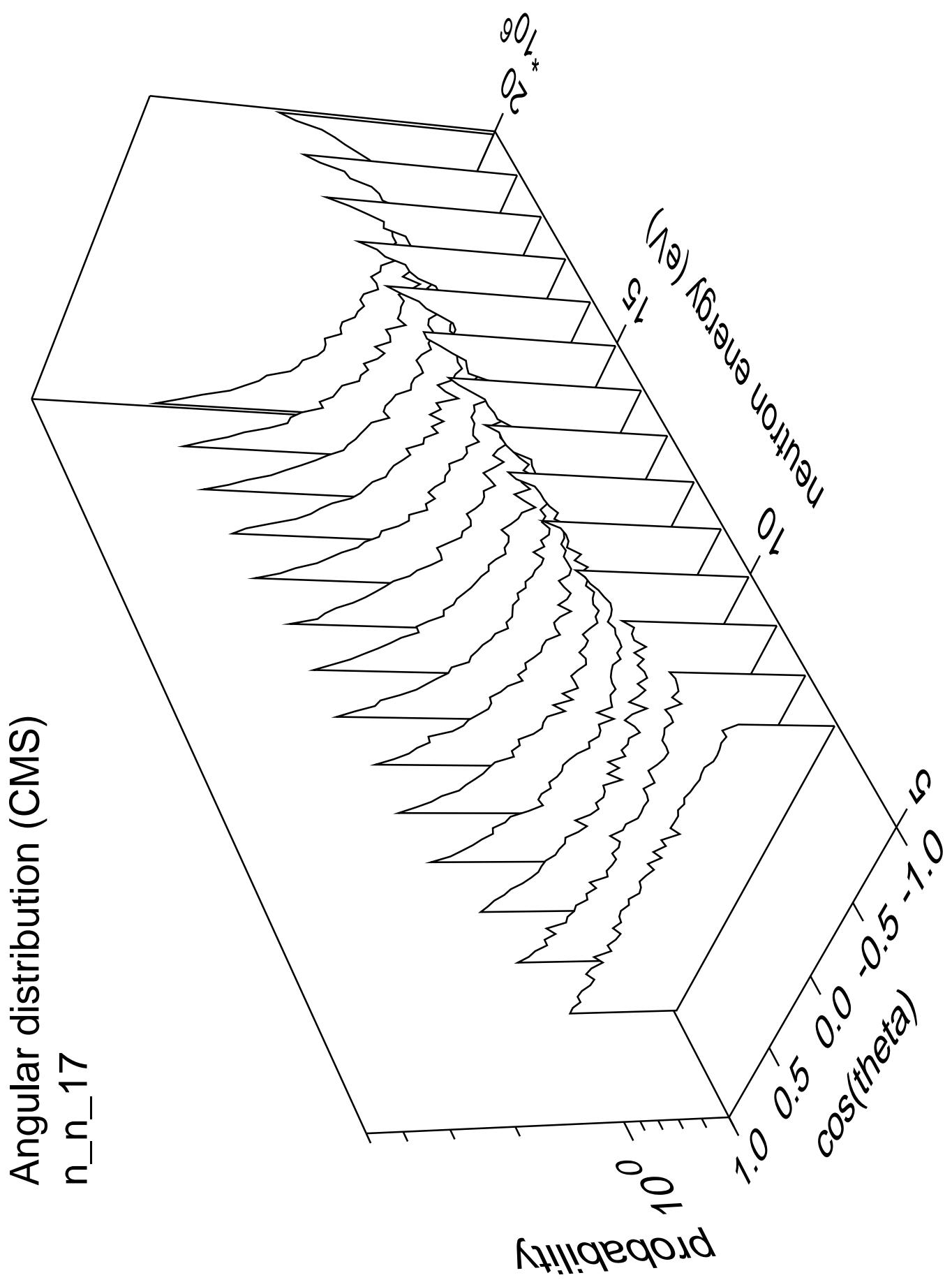


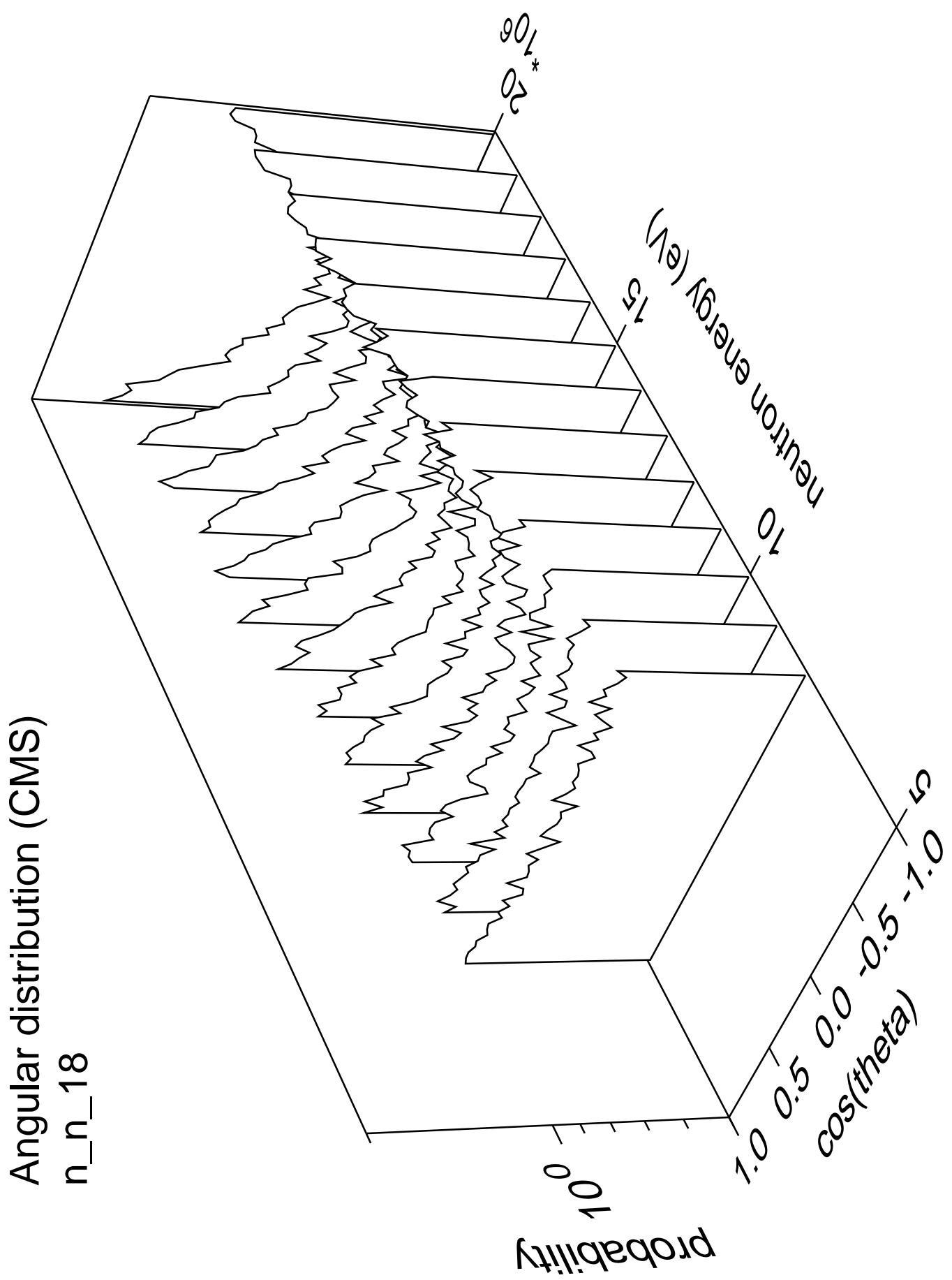


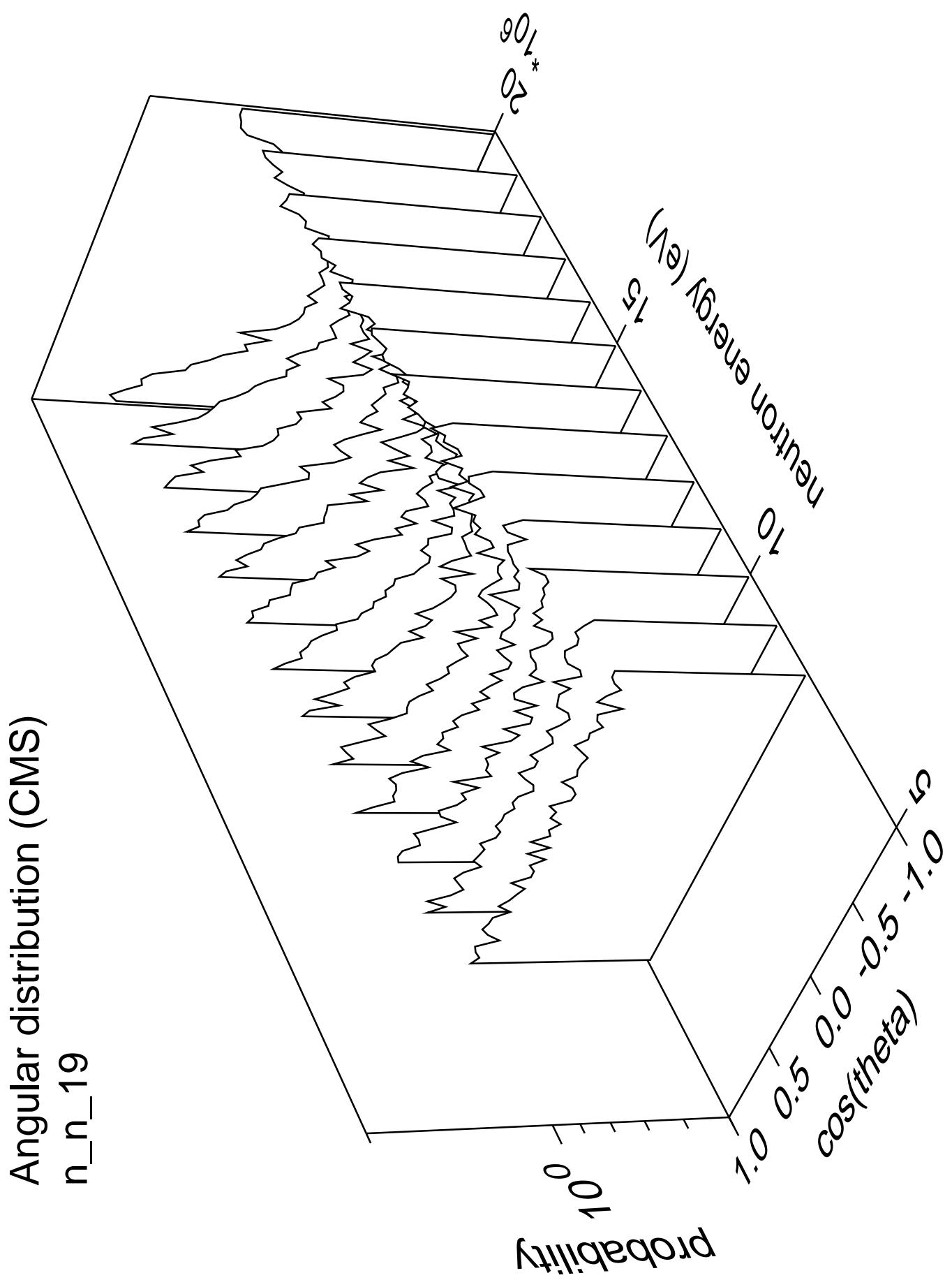


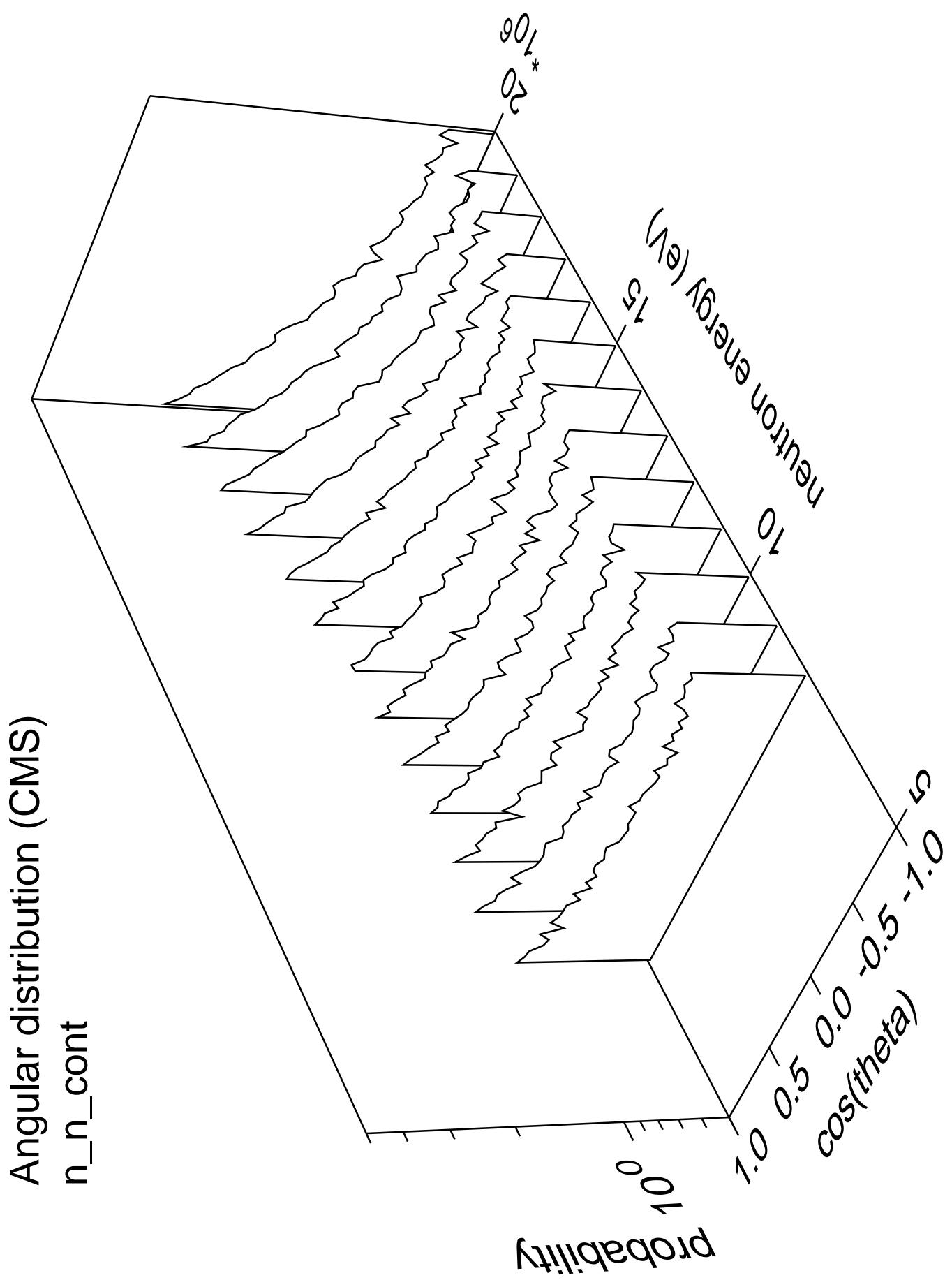


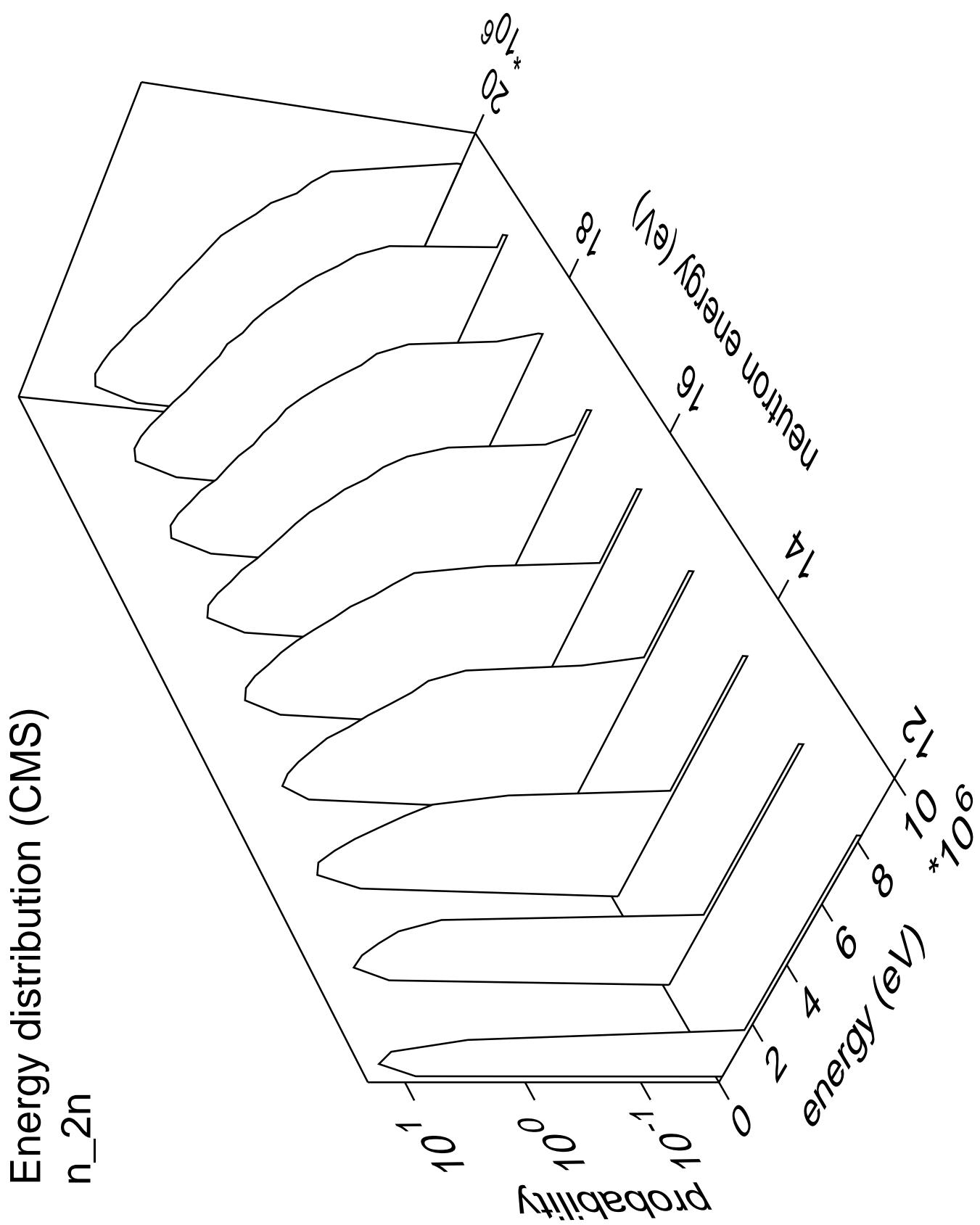


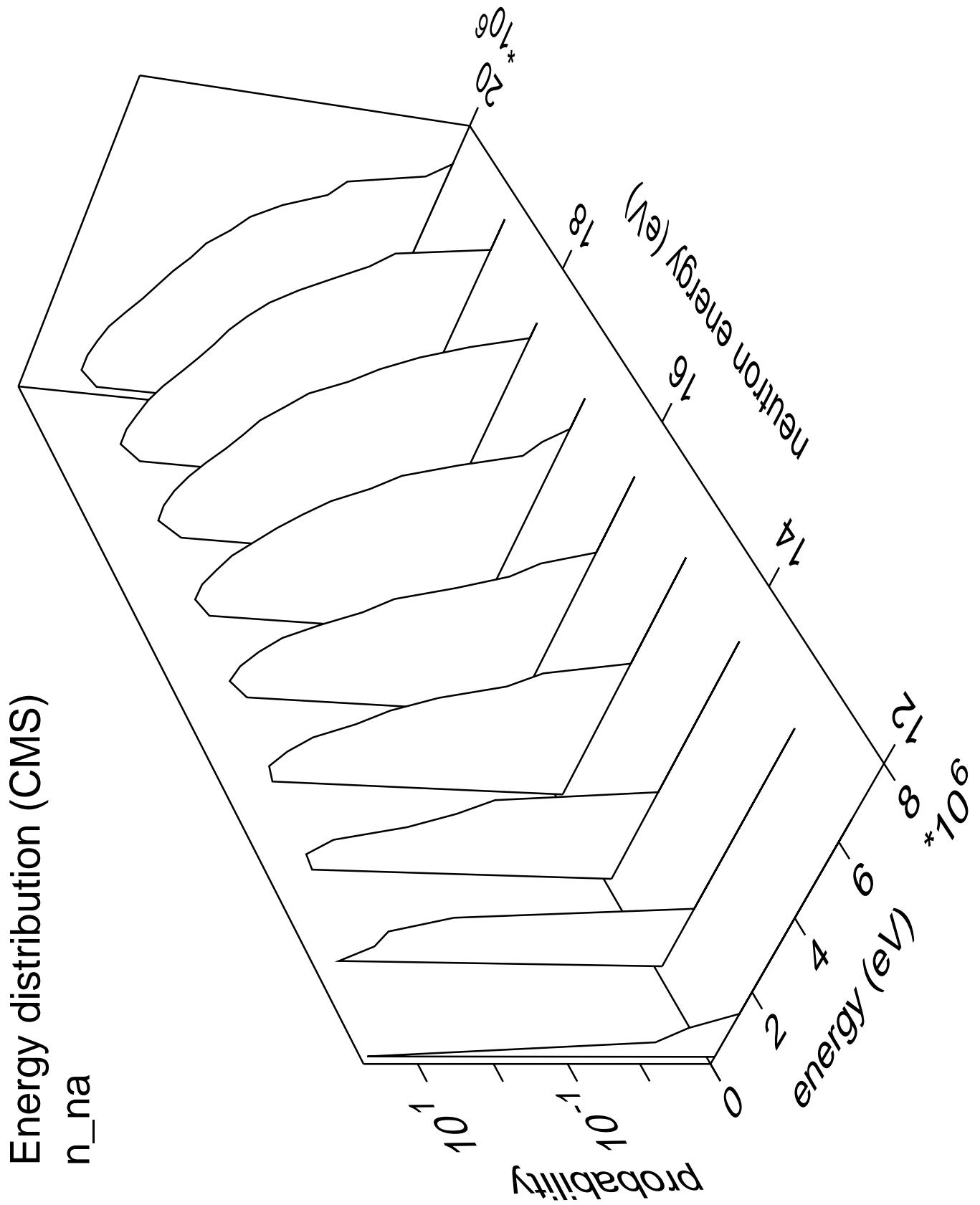


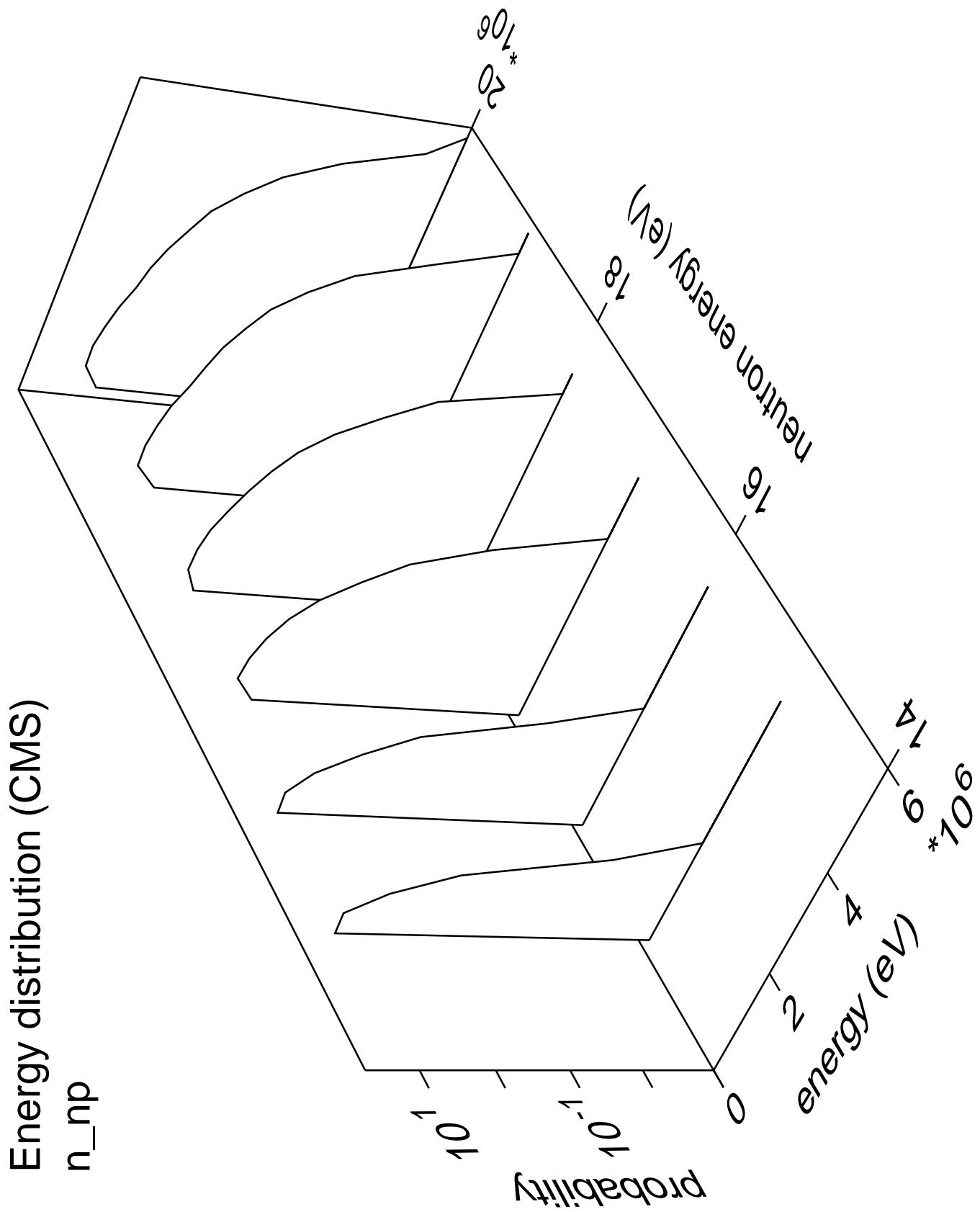


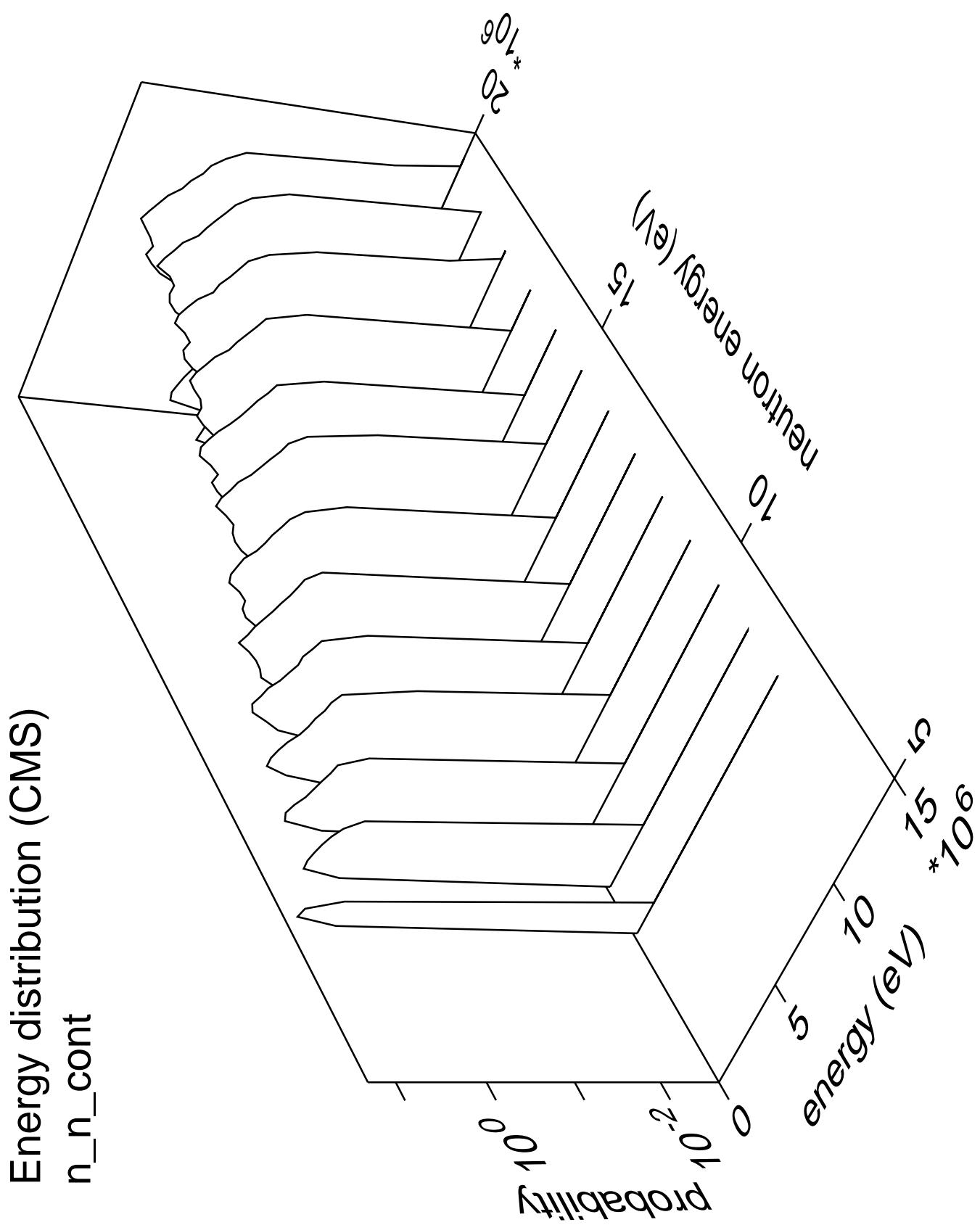




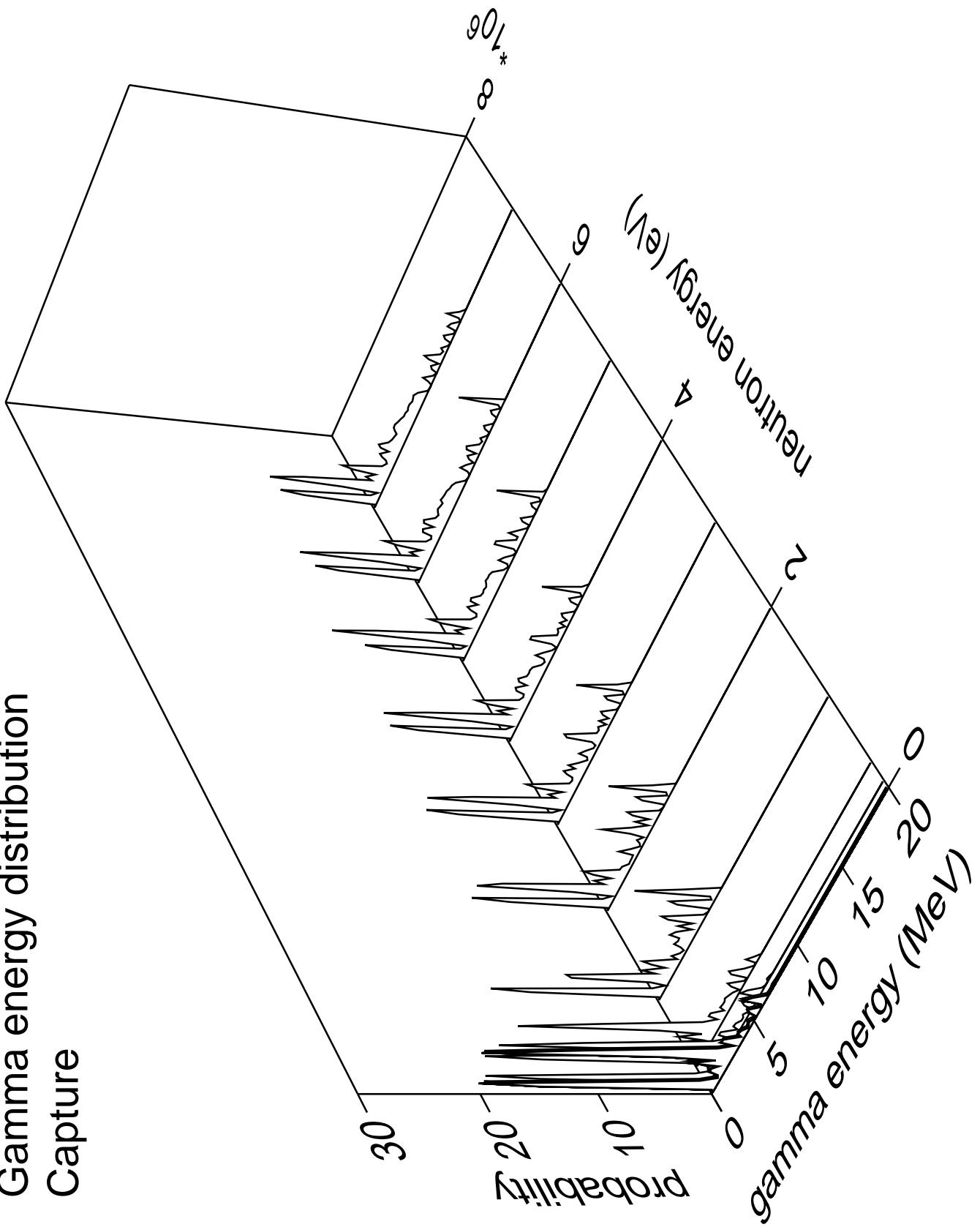




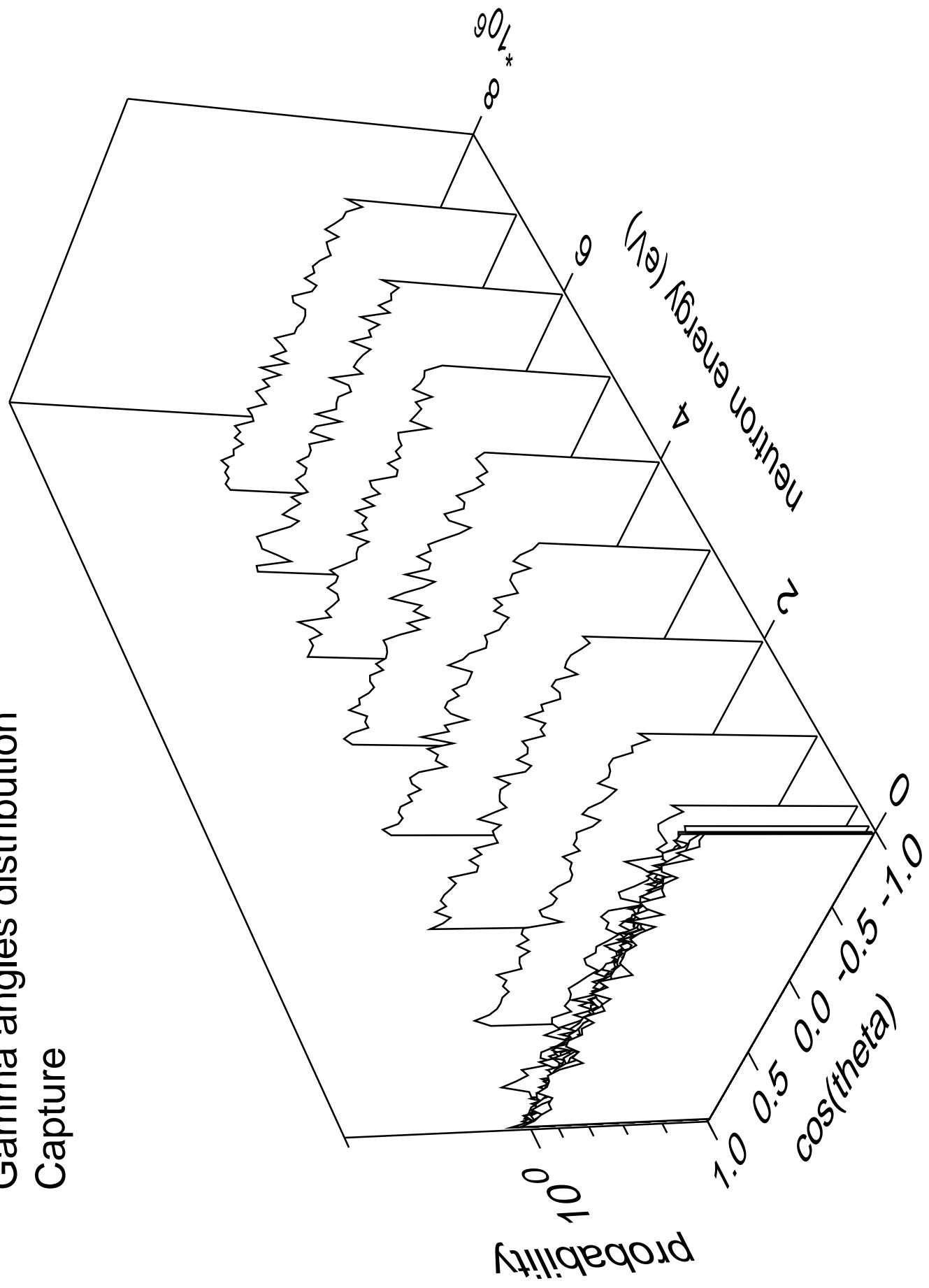




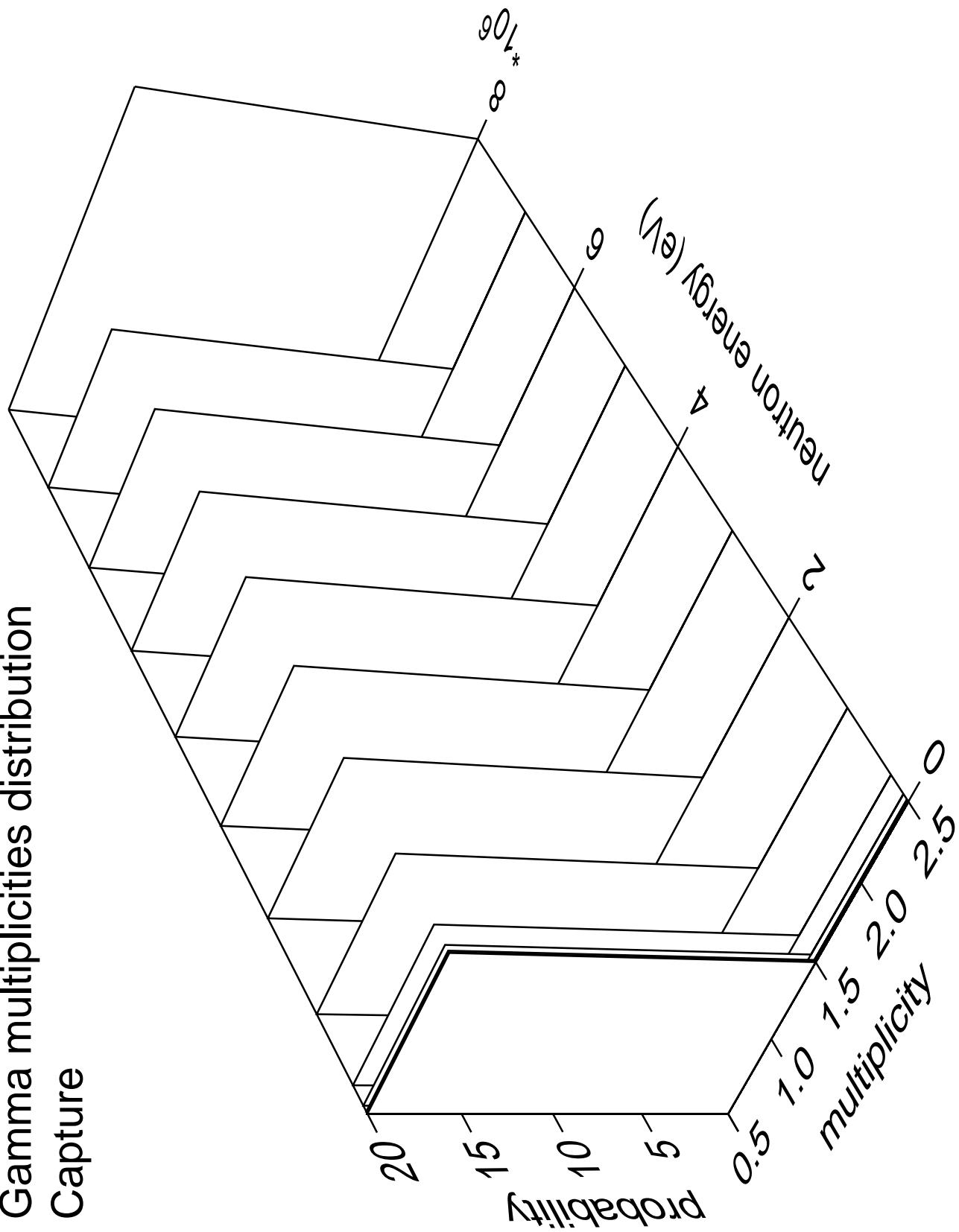
Gamma energy distribution Capture



Gamma angles distribution Capture



Gamma multiplicities distribution Capture



Gamma energy distribution

n_n_1

100

50

0

Probability

gamma energy (MeV)

20 15 10 5

Neutron energy (eV)

4

6

8

10₆

*

Gamma angles distribution

n_{n_1}

Probability

10^0

10^6

θ

Neutron energy (eV)

Δ

$\cos(\theta)$

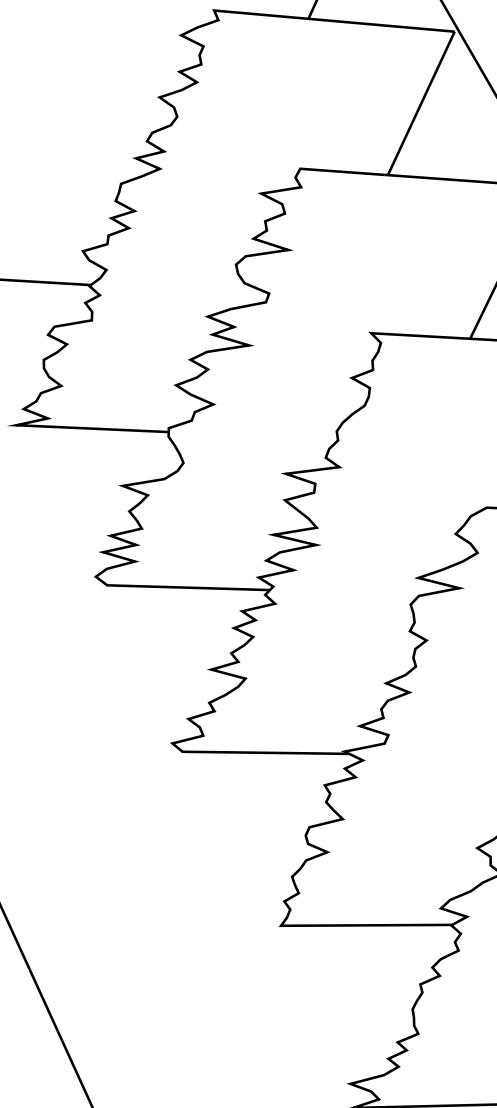
1.0

0.5

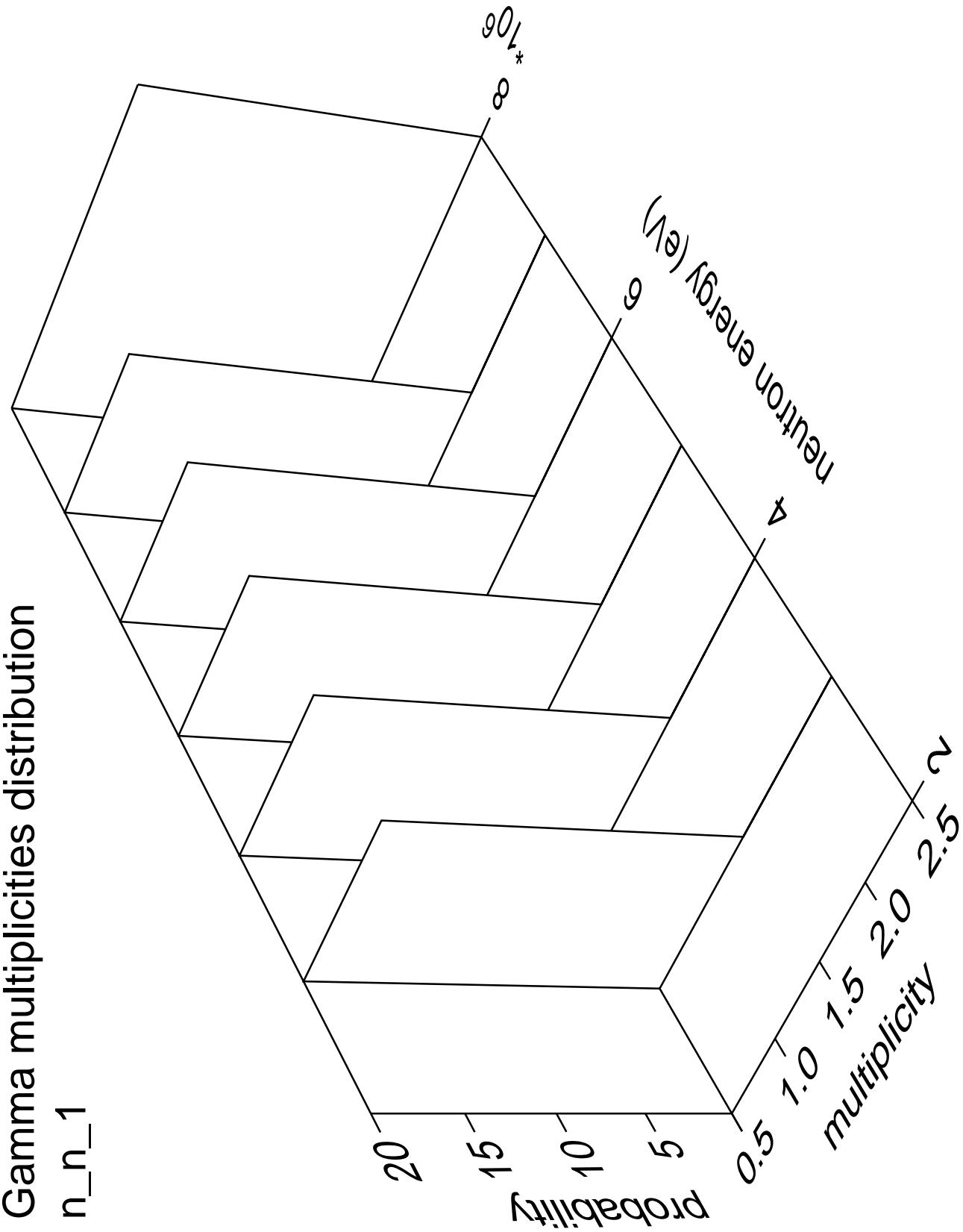
0.0

-0.5

-1.0

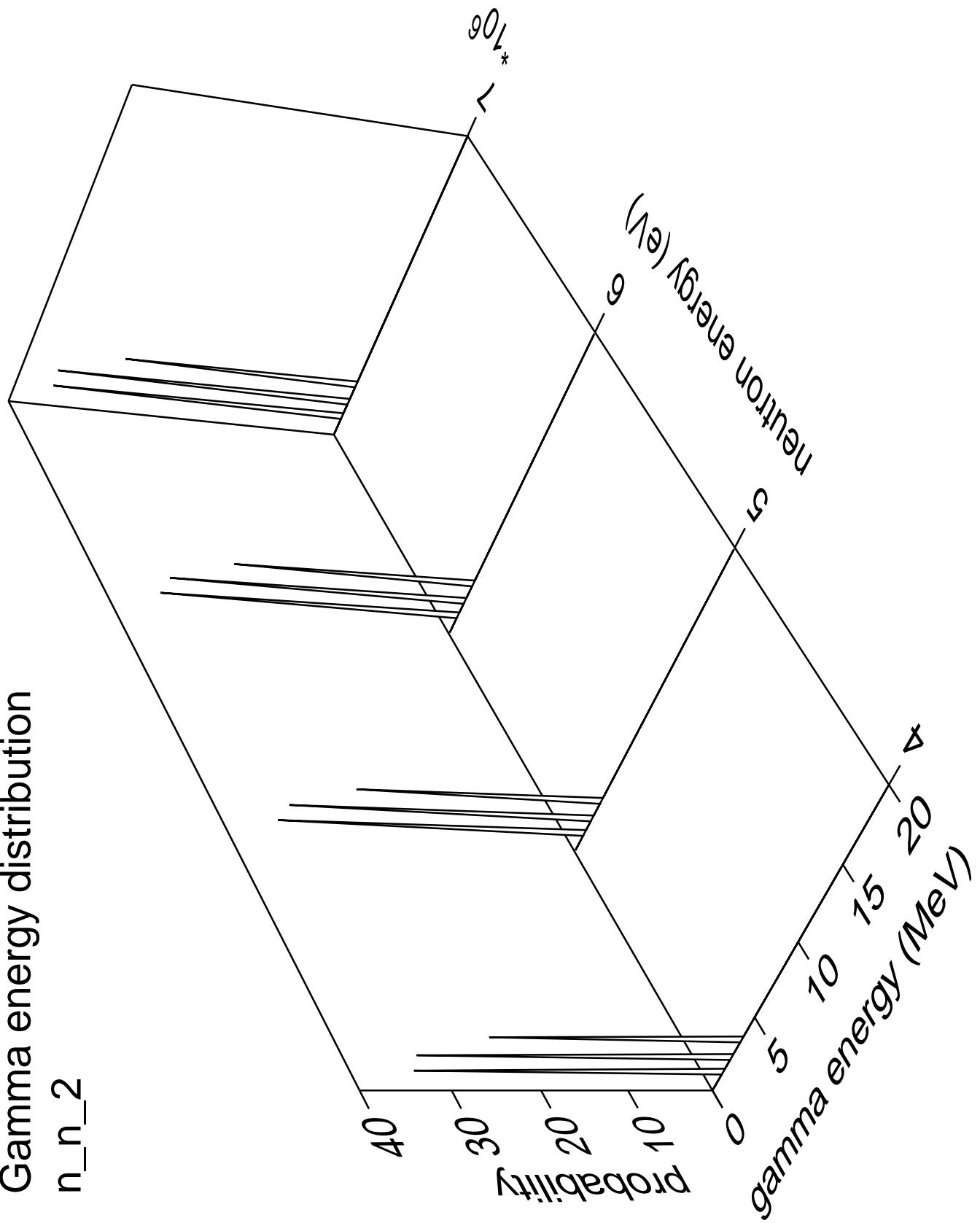


Gamma multiplicities distribution



Gamma energy distribution

n_{n_2}



Gamma angles distribution

n_n_2

Probability

10^0

10^6

*

$\cos(\theta)$

1.0

0.5

0

neutron energy (eV)

10^6

5

0

5

10

15

20

Gamma multiplicities distribution

n_n_2

10

8

6

4

2

0

Probability

5

10
multiplicity

15

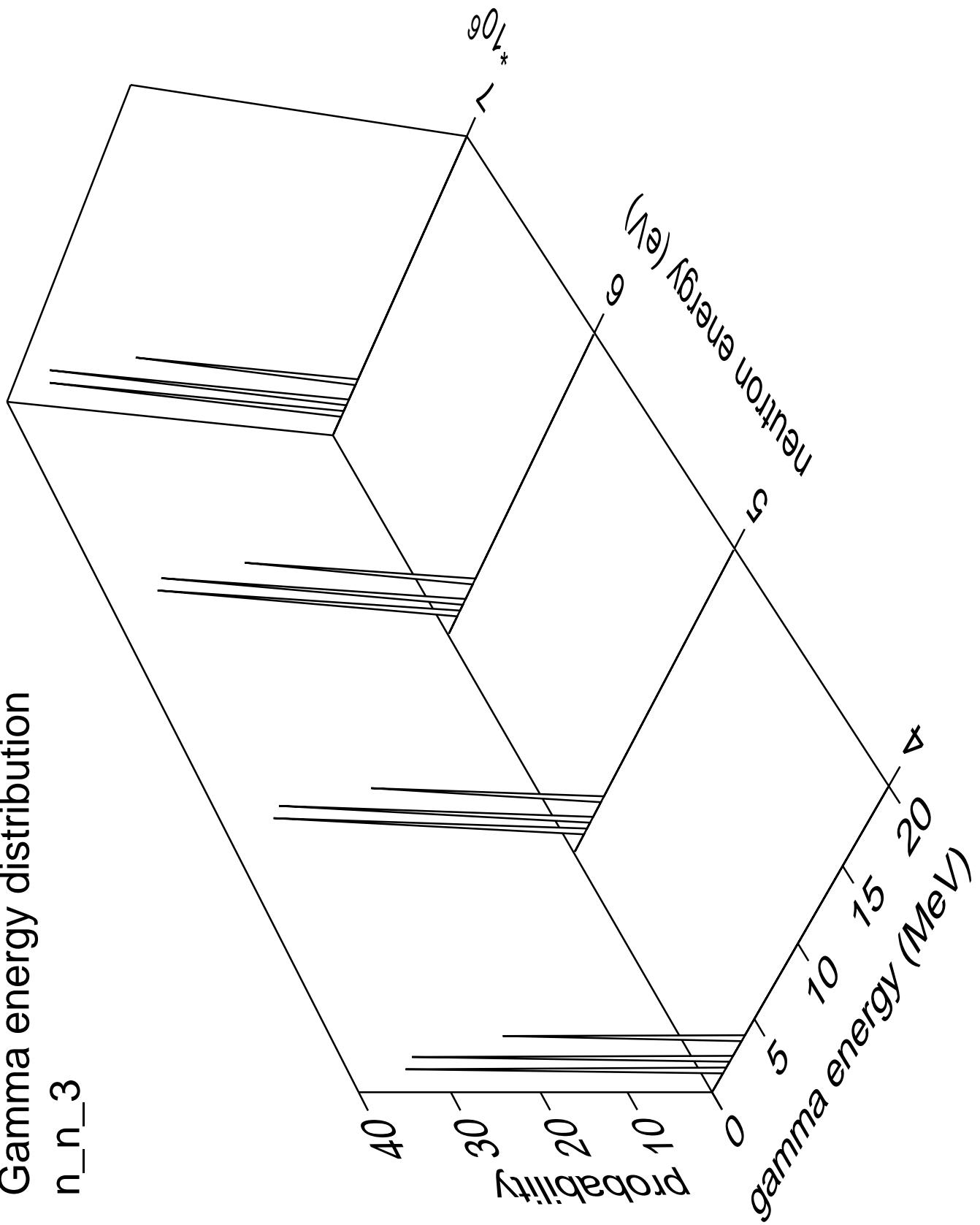
Neutron energy (eV)

5

*
10⁶

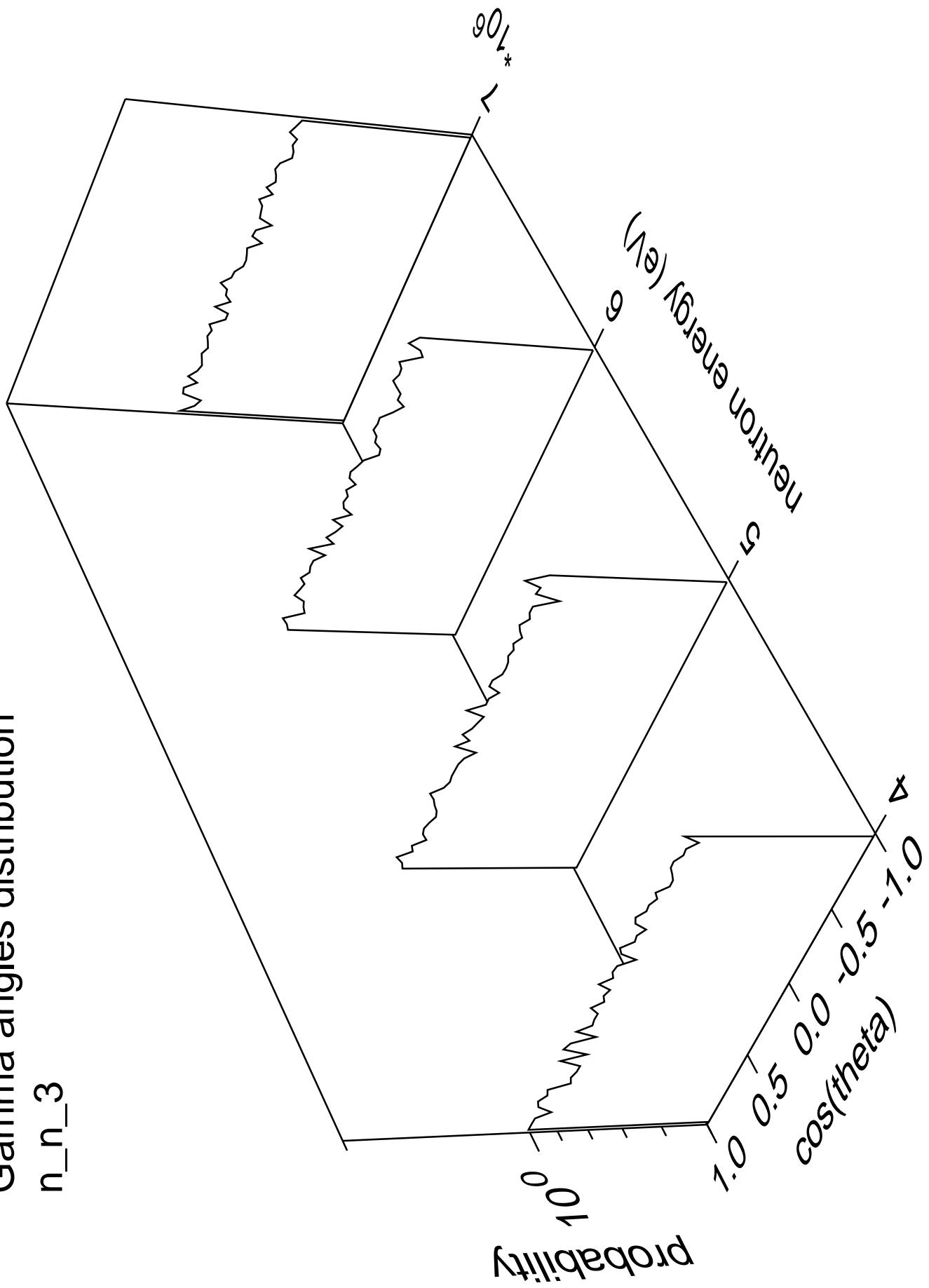
multiplicity

Gamma energy distribution n_n_3



Gamma angles distribution

n_n_3



Gamma multiplicities distribution

n_n_3

10

8

6

4

2

0

Probability

5

10
multiplicity

15

Neutron energy (eV)

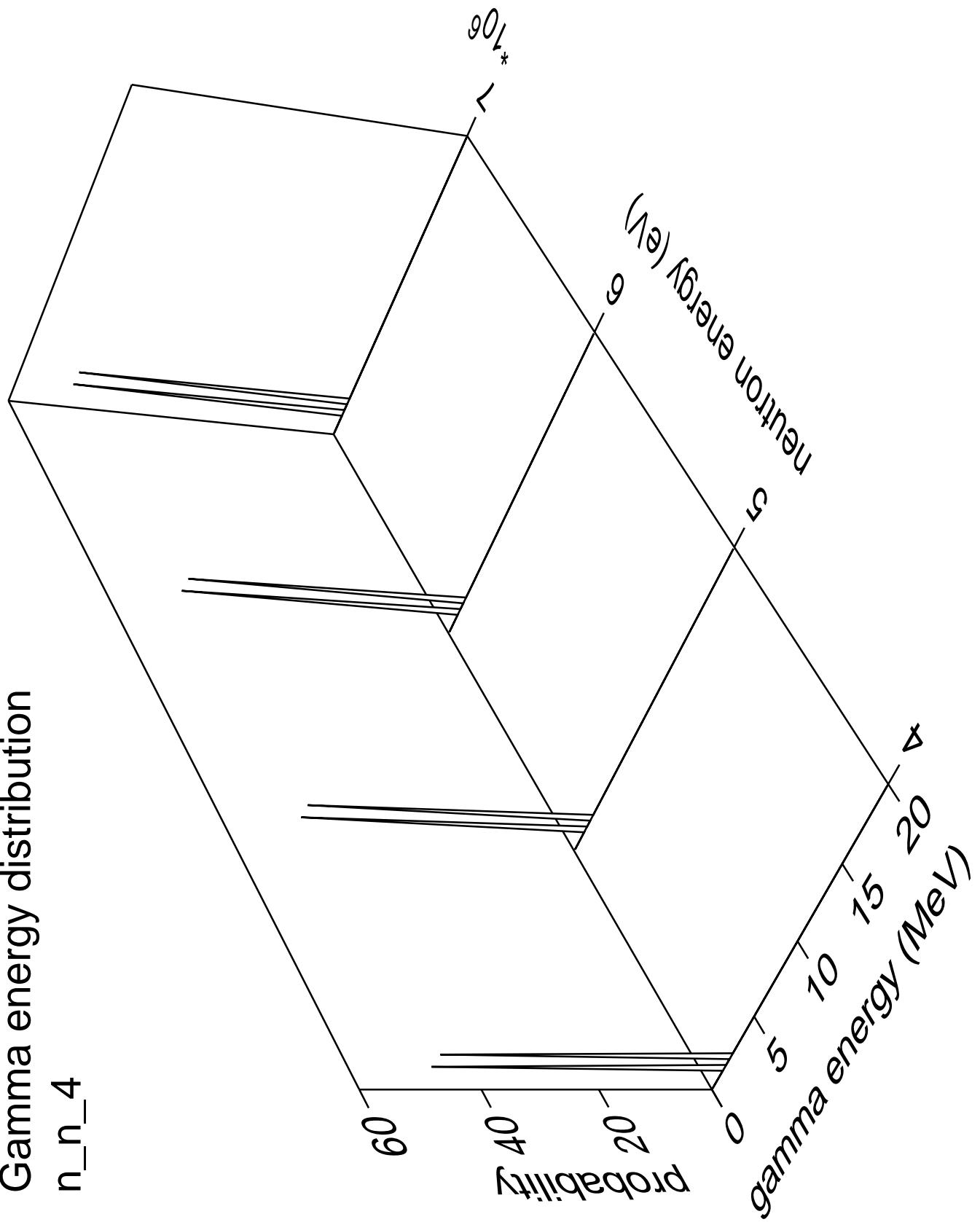
5

10

15

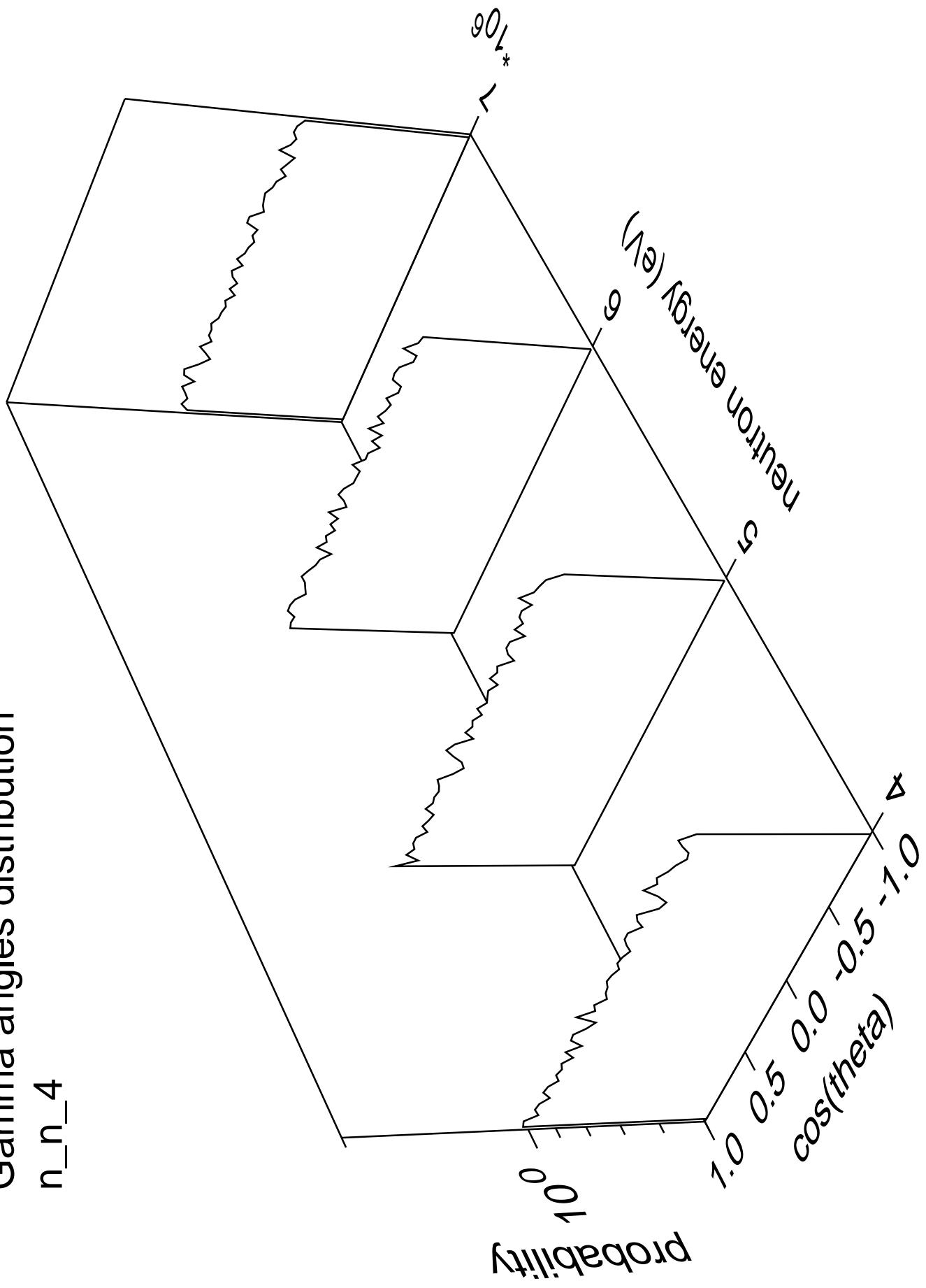
$\times 10^6$

Gamma energy distribution n_n_4

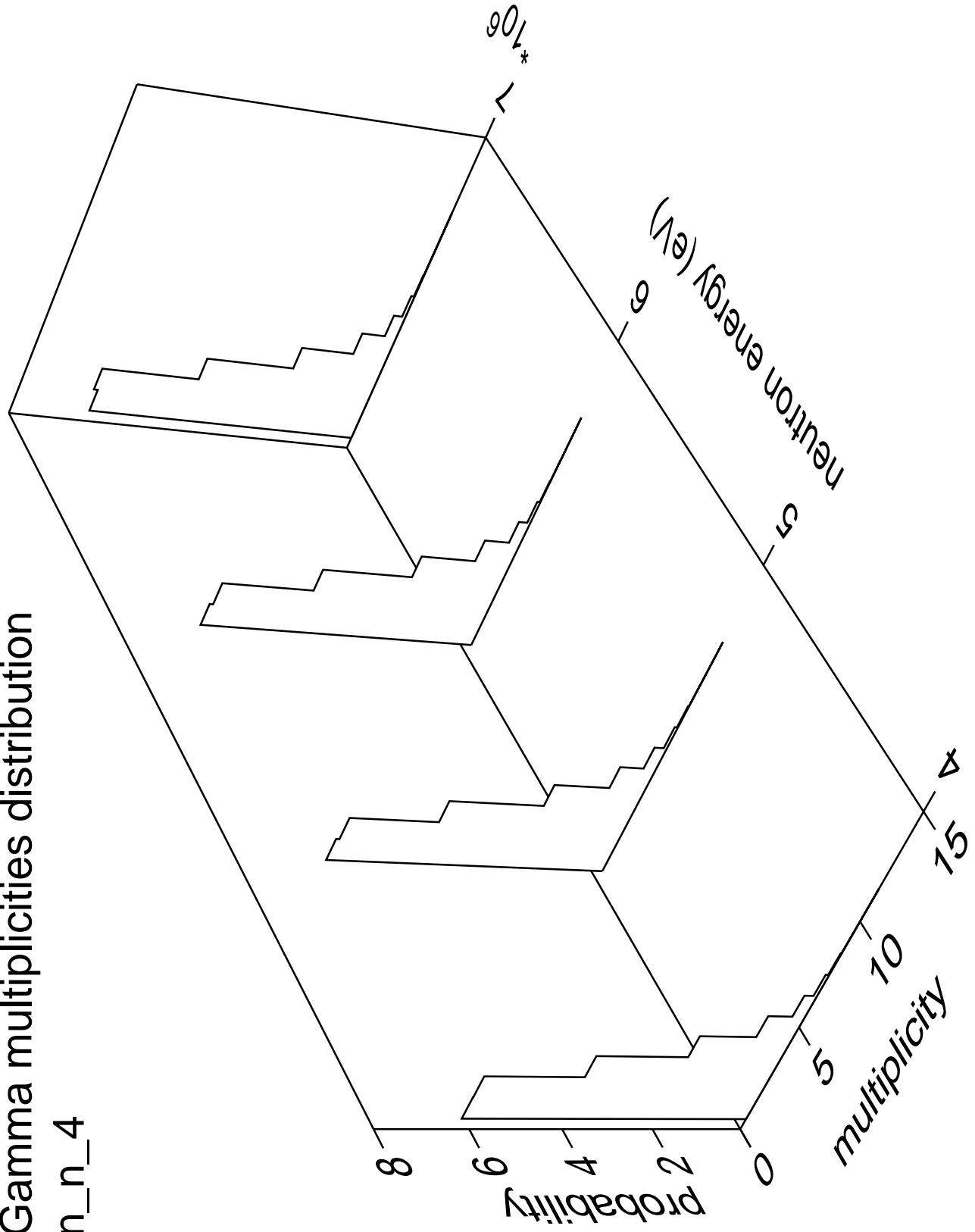


Gamma angles distribution

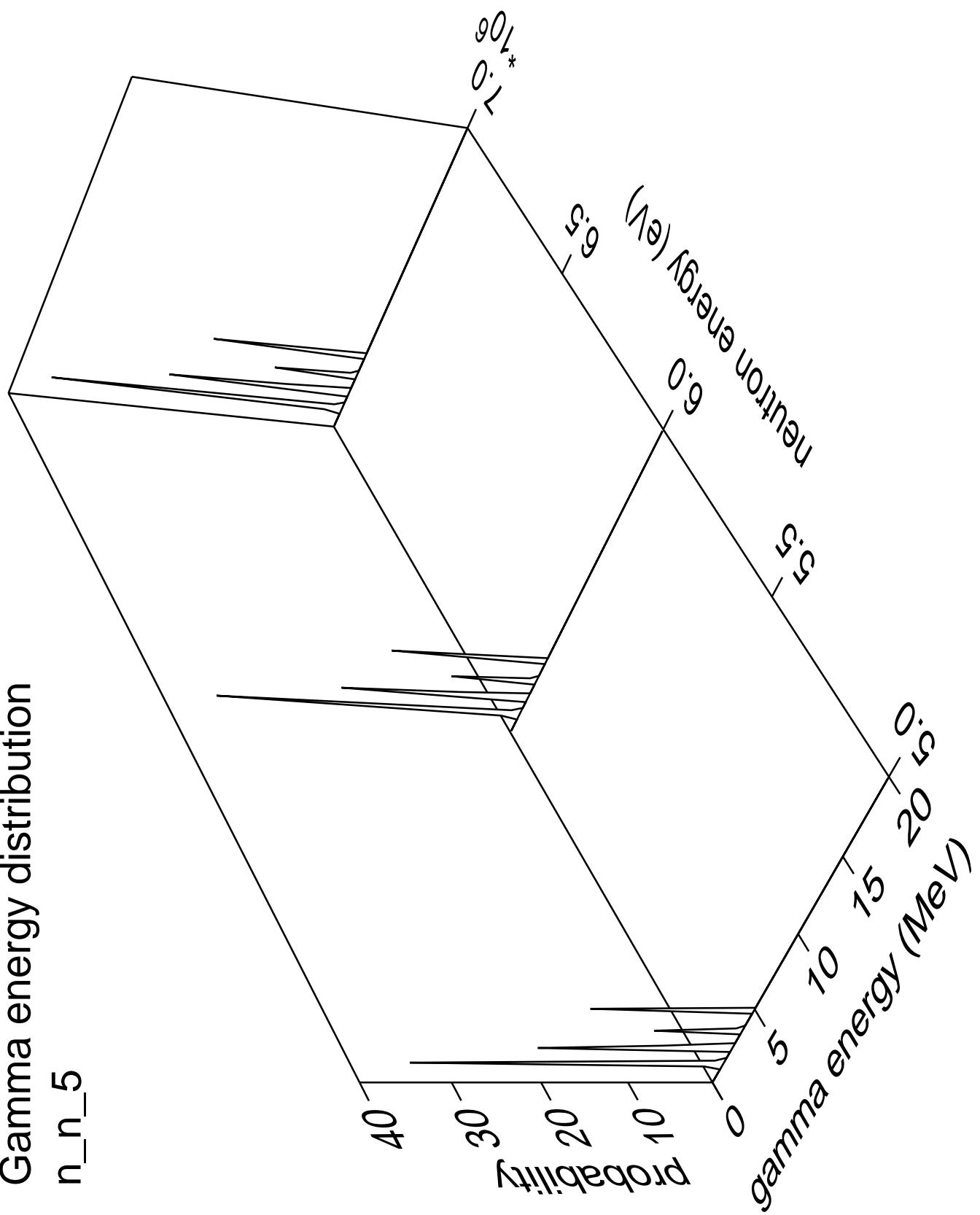
n_n_4

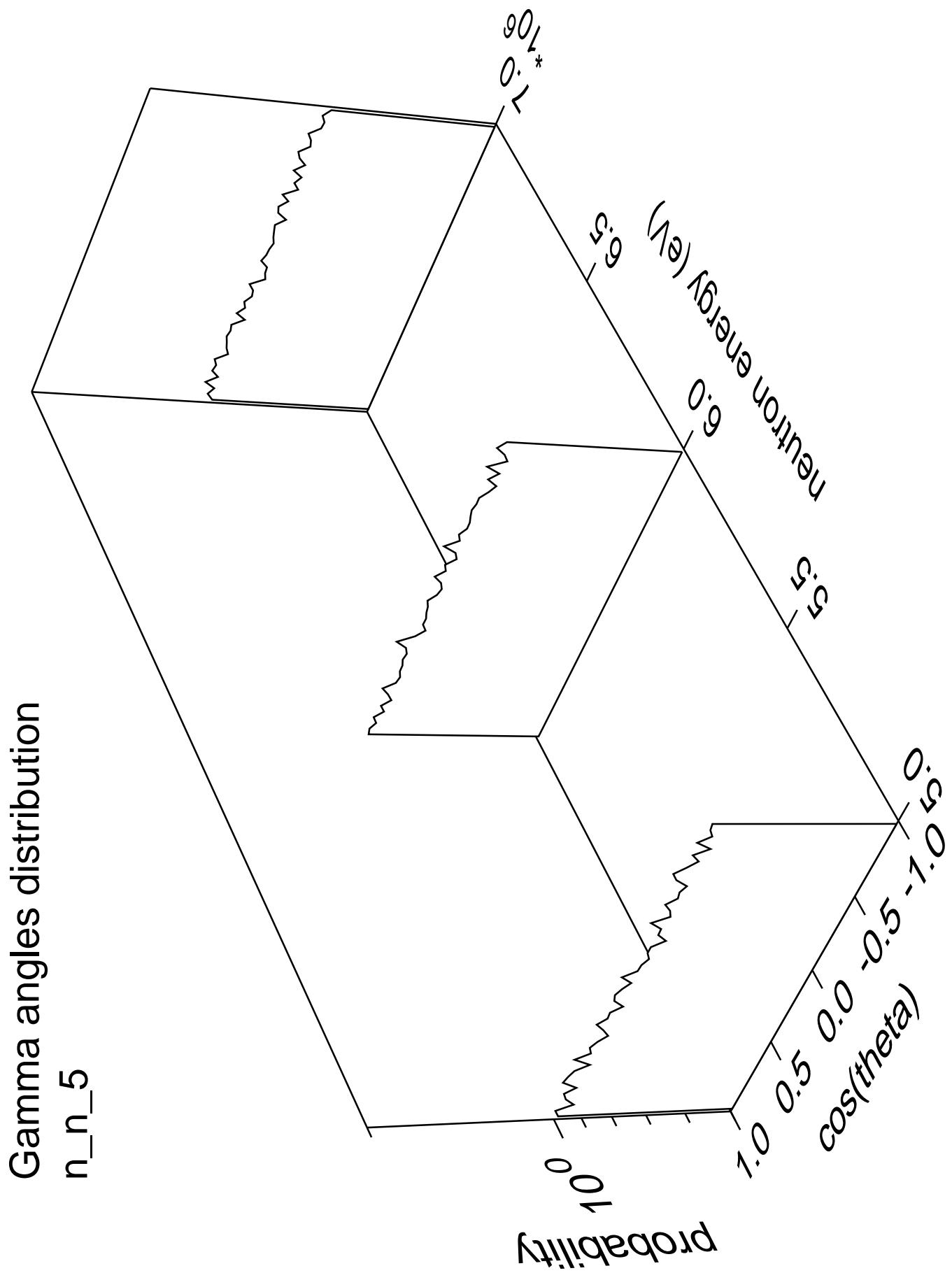


Gamma multiplicities distribution n_n_4



Gamma energy distribution





Gamma multiplicities distribution

n_n_5

Probability

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

multiplicity

5

10

15

5

10

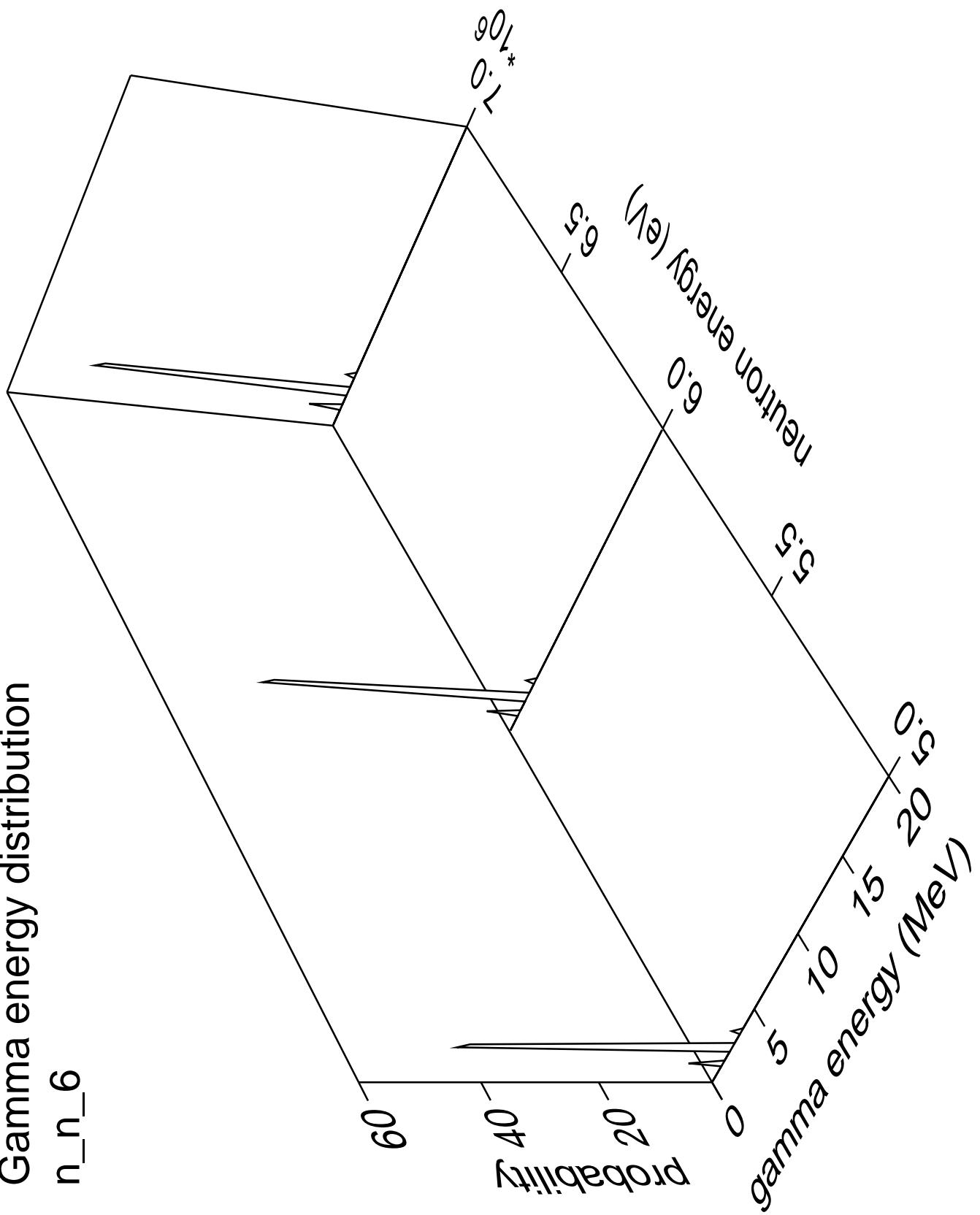
15

Neutron energy (eV)

Neutron energy (eV)

Gamma energy distribution

n_n_6



Gamma angles distribution

n_n_6

Probability

10^0

cos(theta)

1.0

0.5

0.0

-0.5

-1.0

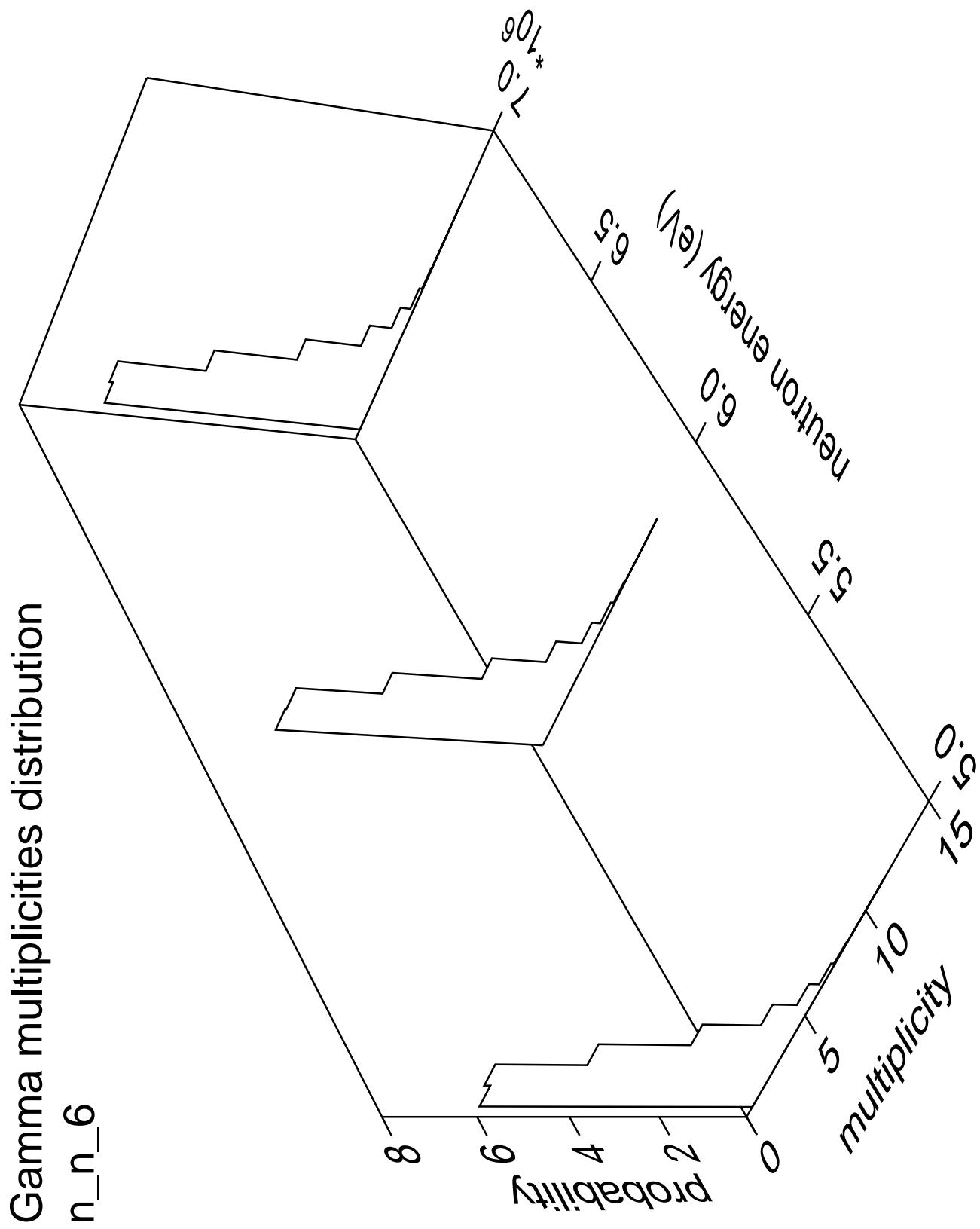
neutron energy (eV)

10^0

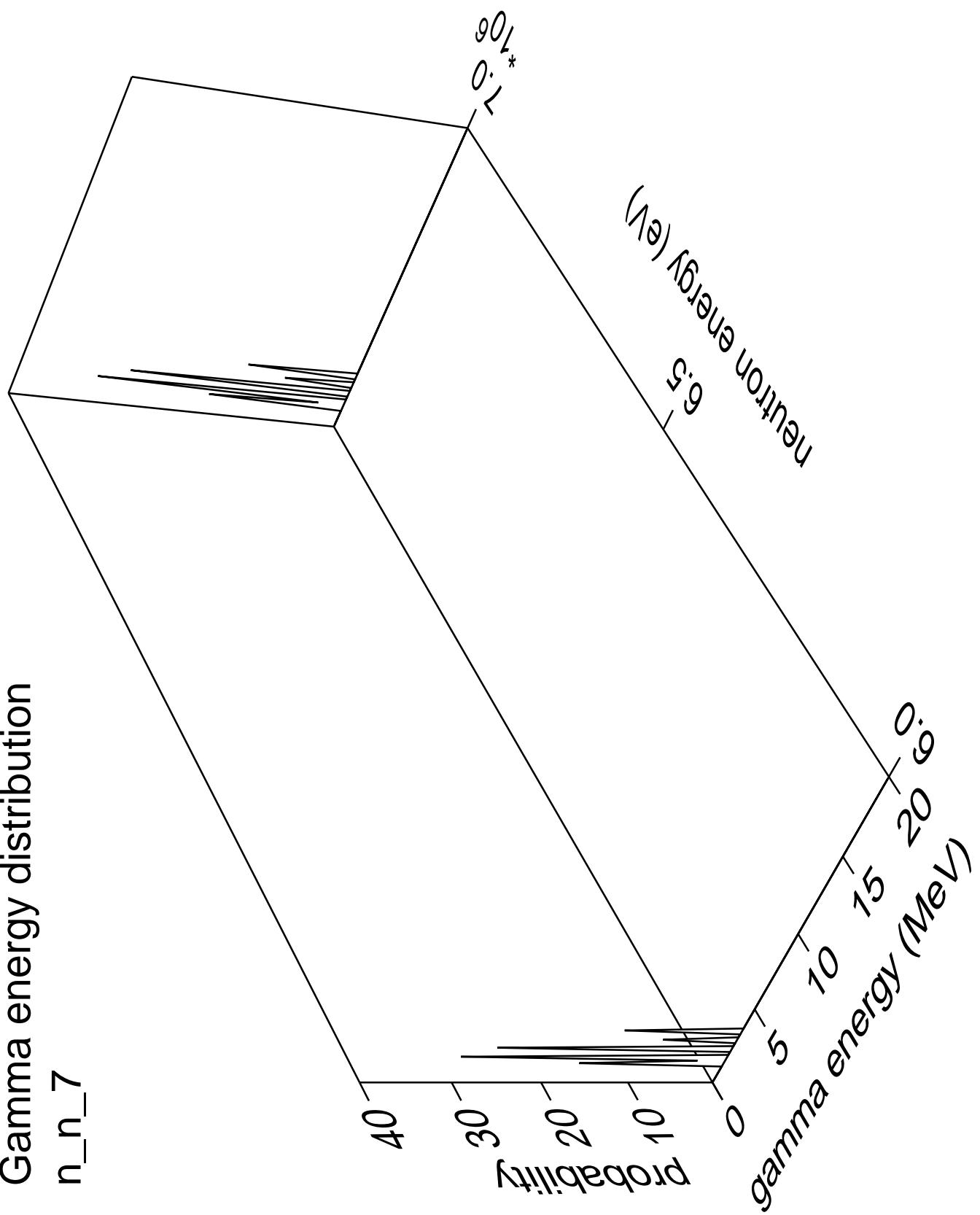
6.3

6.0

5.5



Gamma energy distribution



Gamma angles distribution

n_n_7

Probability

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

10^{-14}

10^{-15}

10^{-16}

10^{-17}

10^{-18}

10^{-19}

10^{-20}

10^{-21}

10^{-22}

10^{-23}

10^{-24}

10^{-25}

10^{-26}

10^{-27}

10^{-28}

10^{-29}

10^{-30}

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

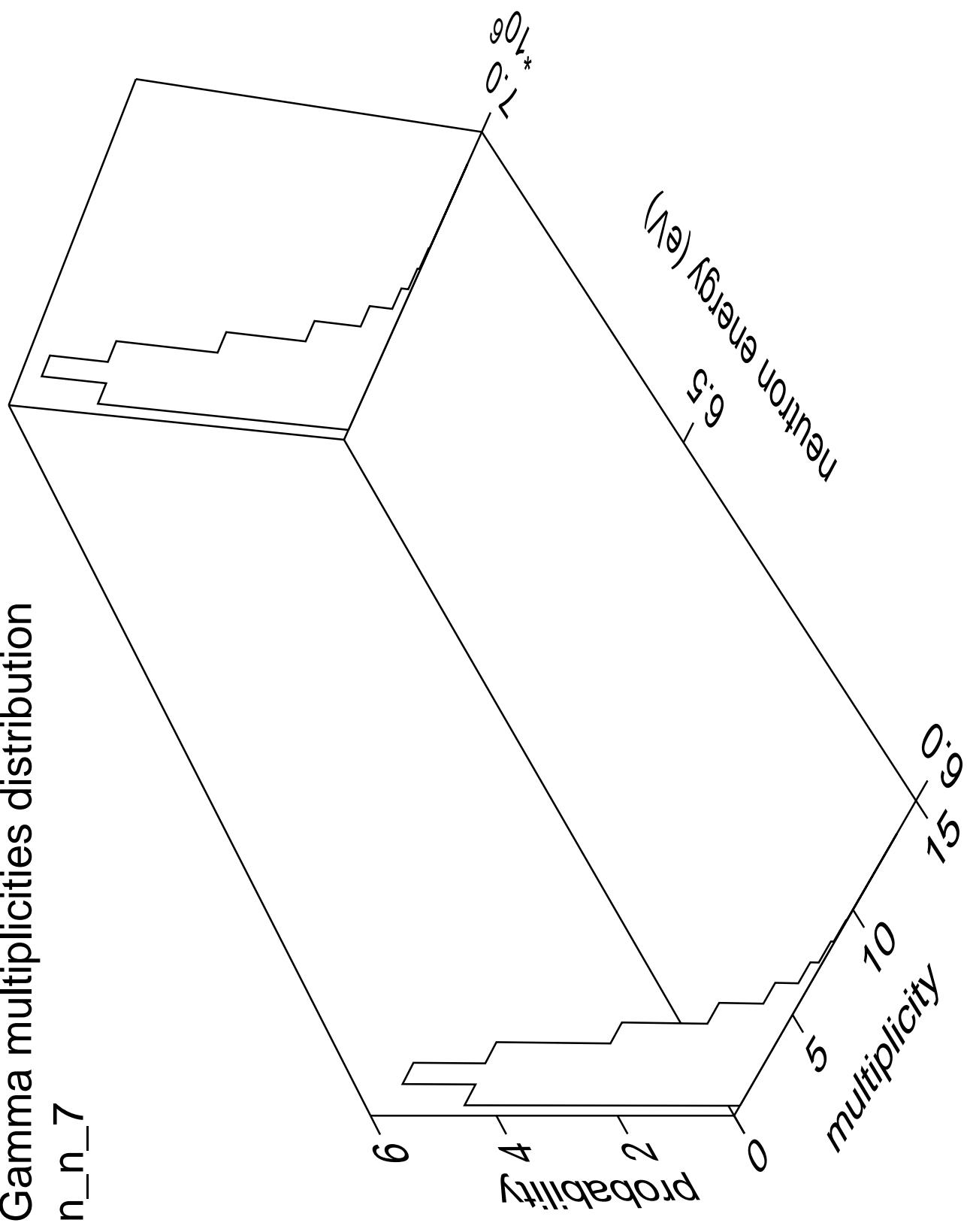
10^{-11}

10^{-12}

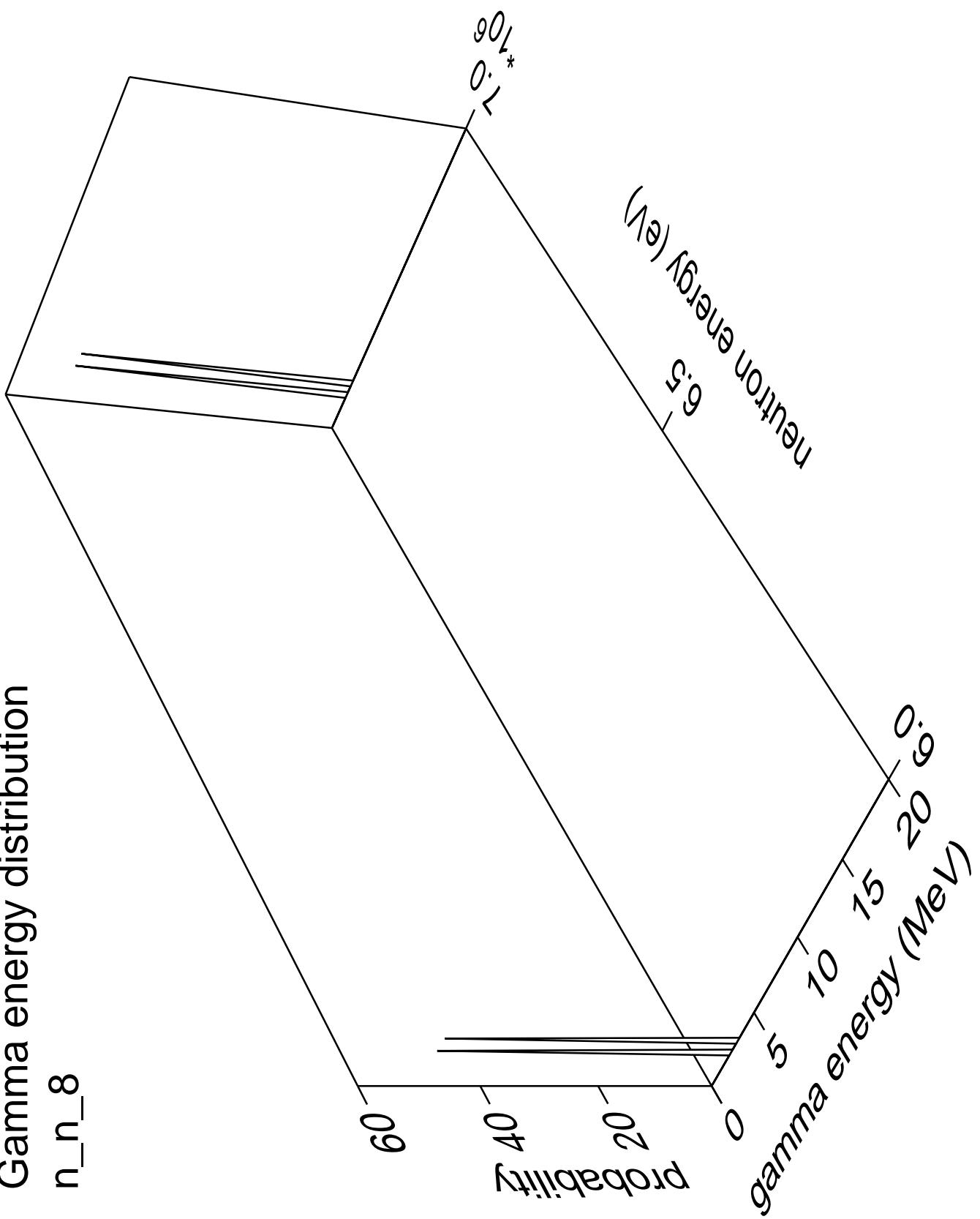
10^{-13}

10^{-14}

Gamma multiplicities distribution



Gamma energy distribution n_n_8



Gamma angles distribution

n_n_8

Probability

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

10^{-14}

10^{-15}

10^{-16}

10^{-17}

10^{-18}

10^{-19}

10^{-20}

10^{-21}

10^{-22}

10^{-23}

10^{-24}

10^{-25}

10^{-26}

10^{-27}

10^{-28}

10^{-29}

10^{-30}

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

10^{10}

10^9

10^8

10^7

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

Gamma multiplicities distribution

n_n_8

Probability

$\times 10^6$

0.0

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

4.5

5.0

5.5

6.0

6.5

7.0

7.5

8.0

8.5

9.0

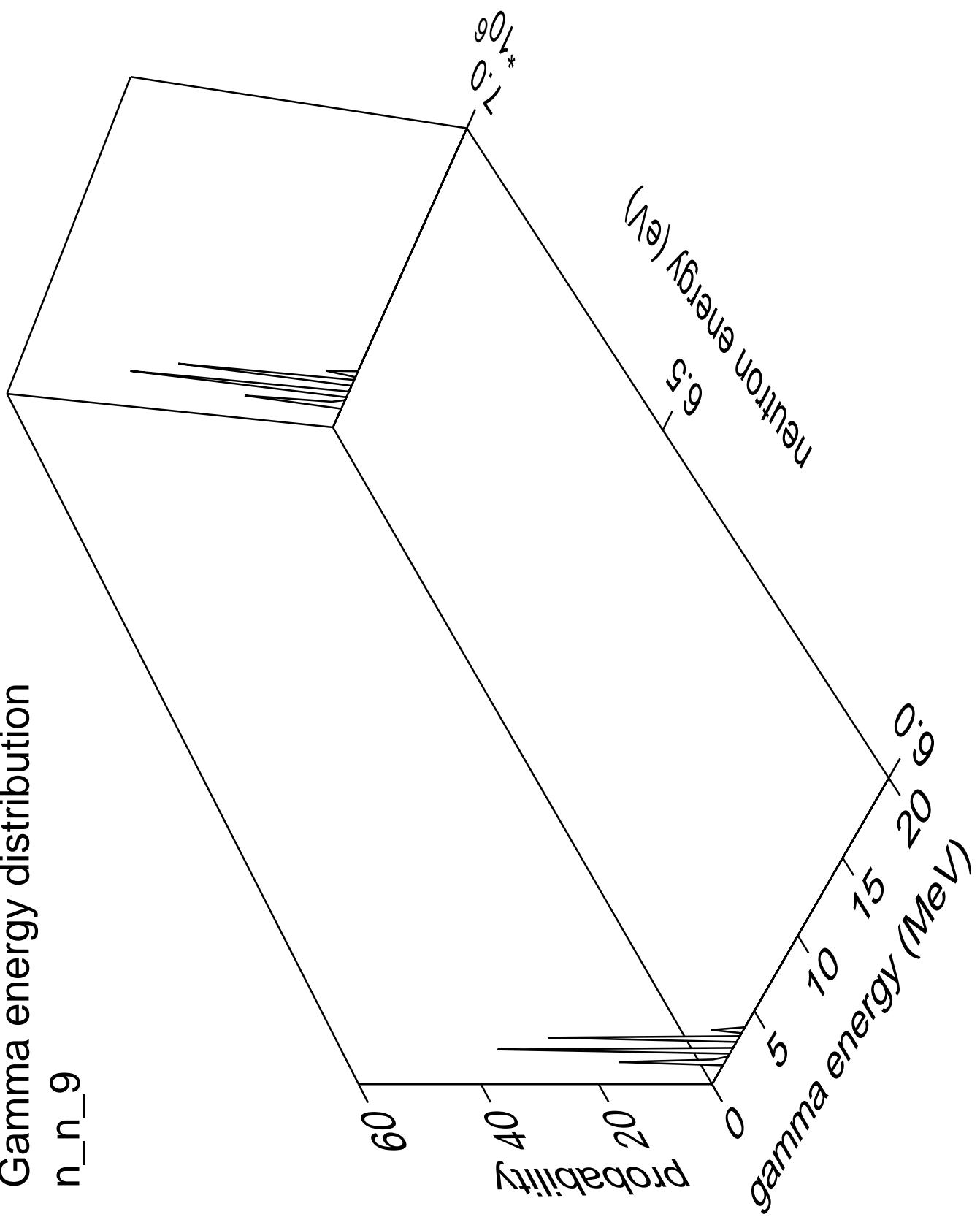
9.5

10.0

multiplicity

Neutron energy (eV)

Gamma energy distribution n_n_9



Gamma angles distribution

n_n_9

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Neutron energy (eV)

10^0

10^1

10^2

Gamma multiplicities distribution

n_n_9

Probability

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

10⁶

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

*

10⁻⁶

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

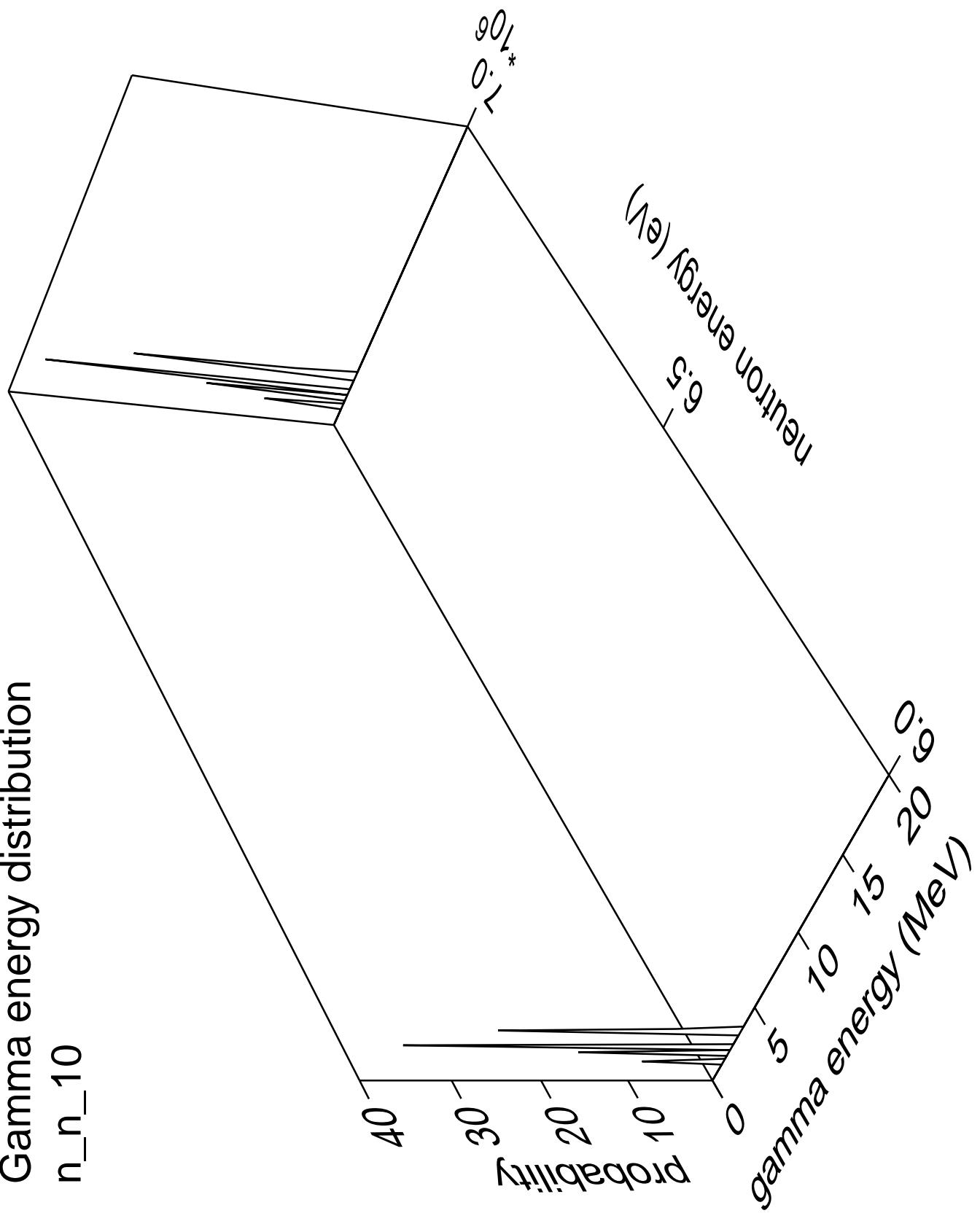
10⁵

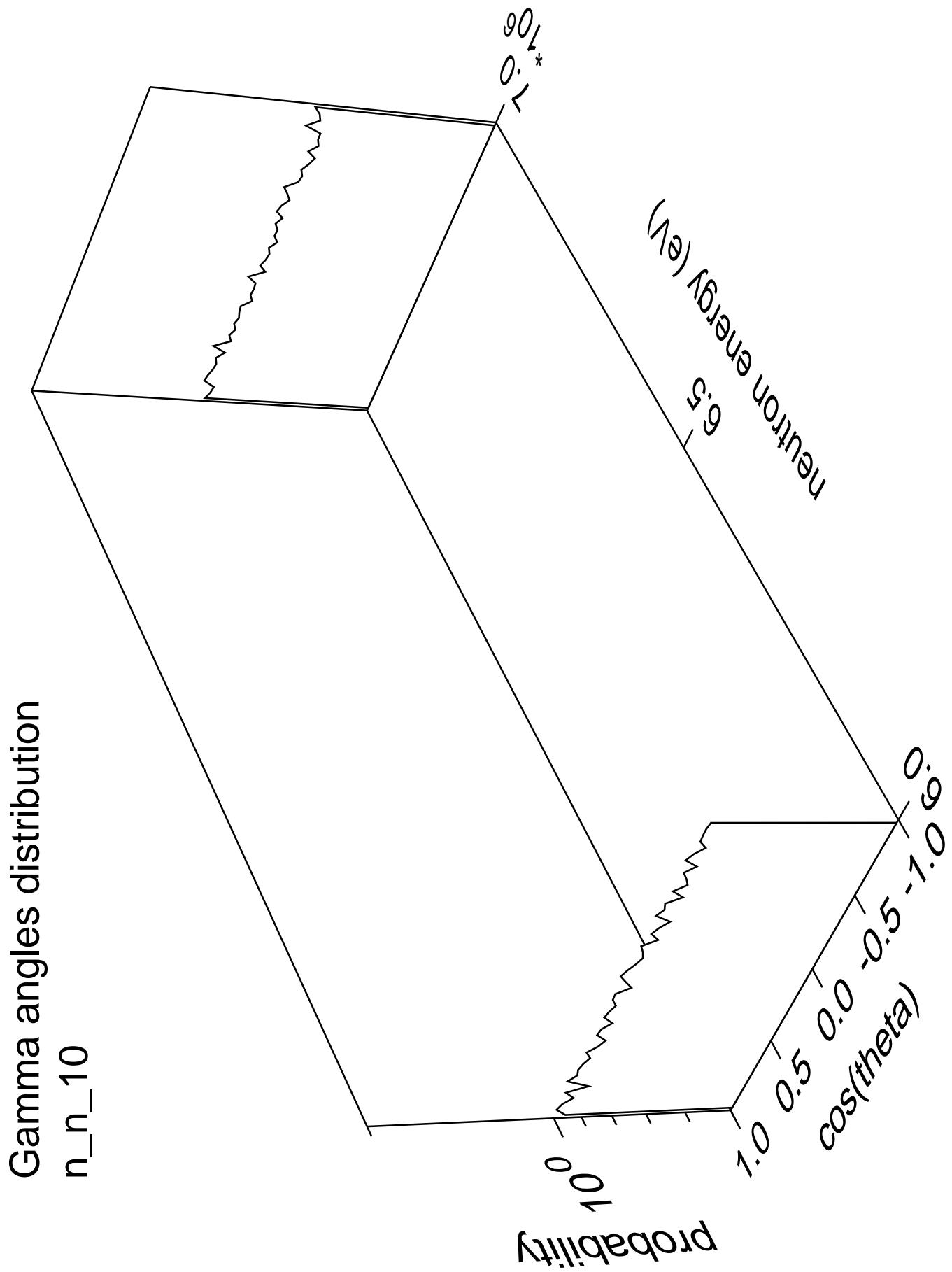
*

</div

Gamma energy distribution

n_n_10





Gamma multiplicities distribution

n_n_10

Probability

10^{-6}

10^{-5}

10^{-4}

10^{-3}

10^{-2}

10^{-1}

10^0

10^1

10^2

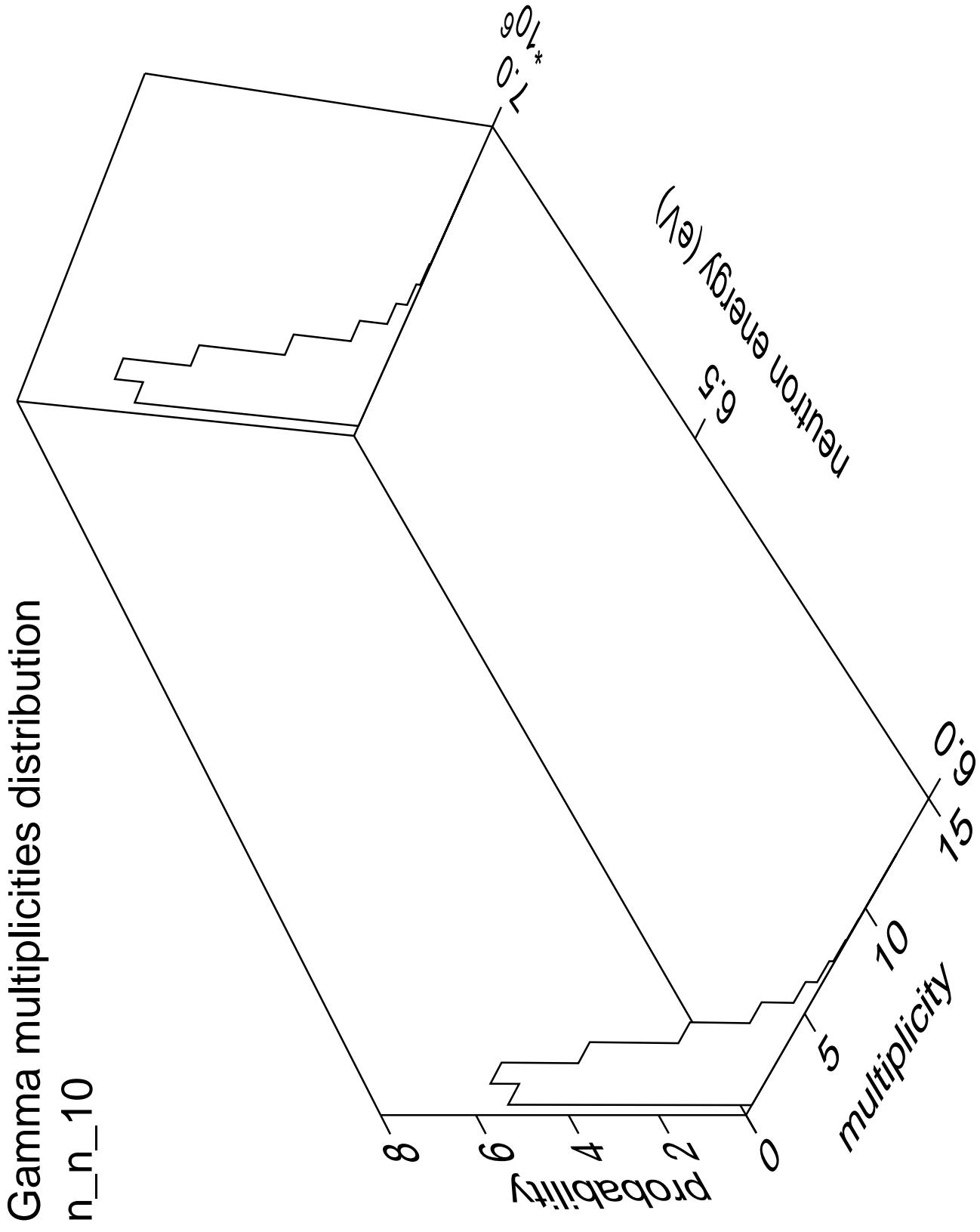
10^3

10^4

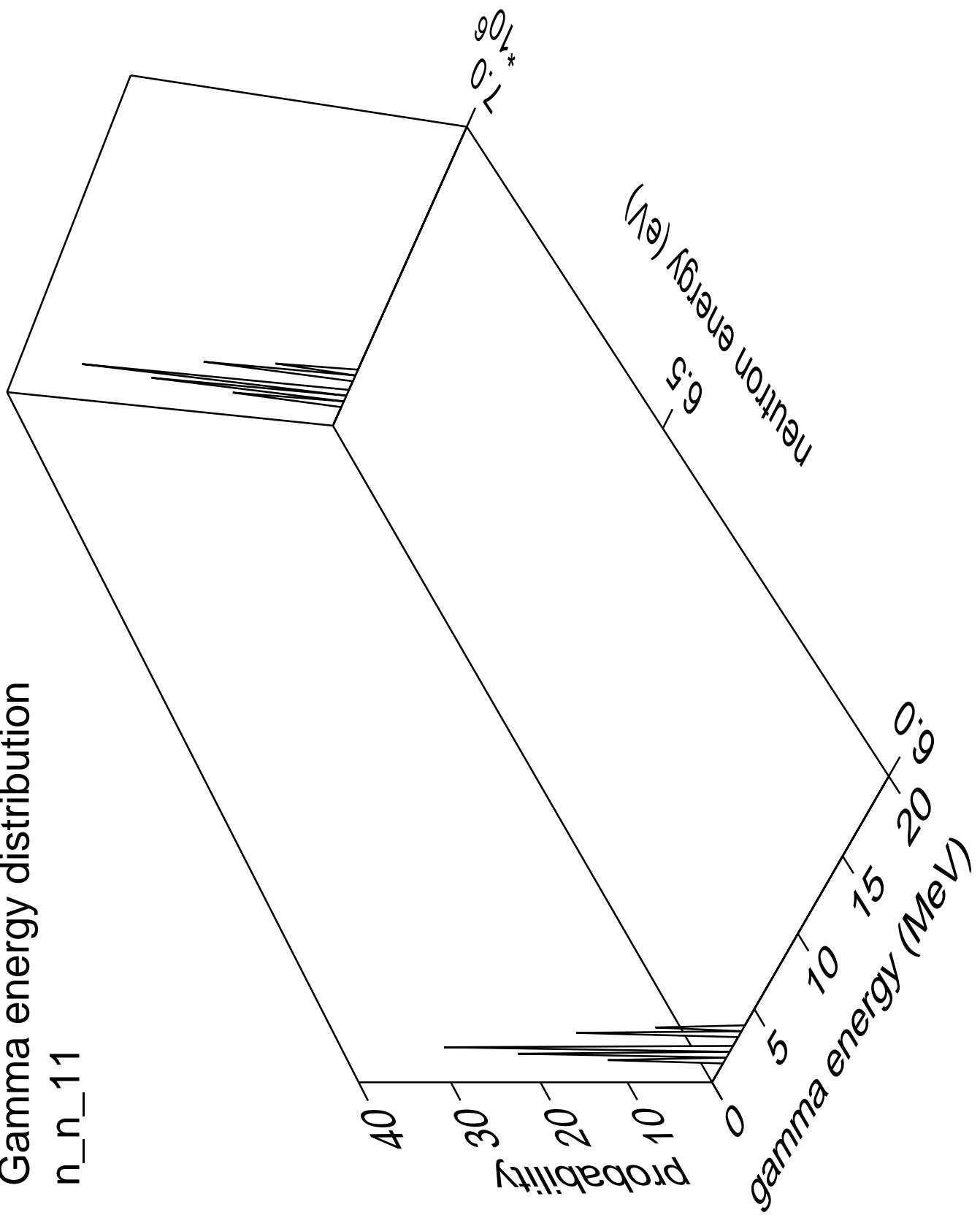
10^5

multiplicity

Neutron energy (eV)



Gamma energy distribution n_{n_11}



Gamma angles distribution

n_{n_11}

Probability

10^0

10^*

Neutron energy (eV)

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Gamma multiplicities distribution

n_{n_11}

probability

6

4

2

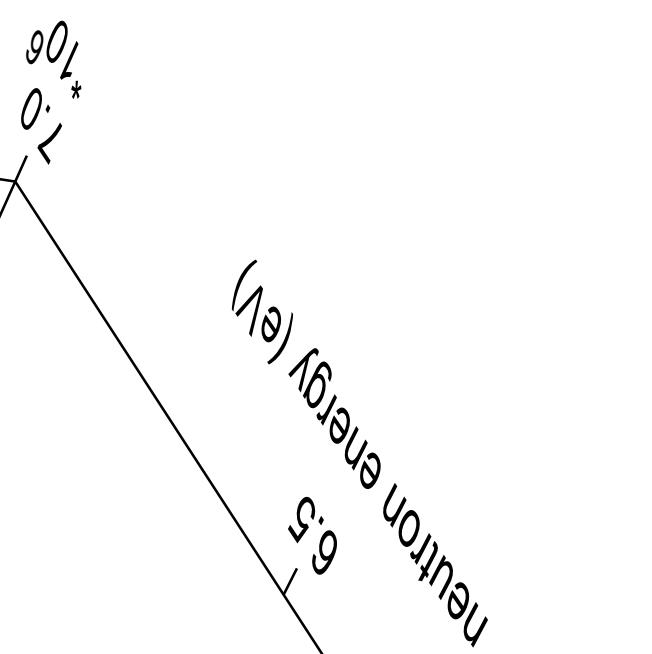
0

5

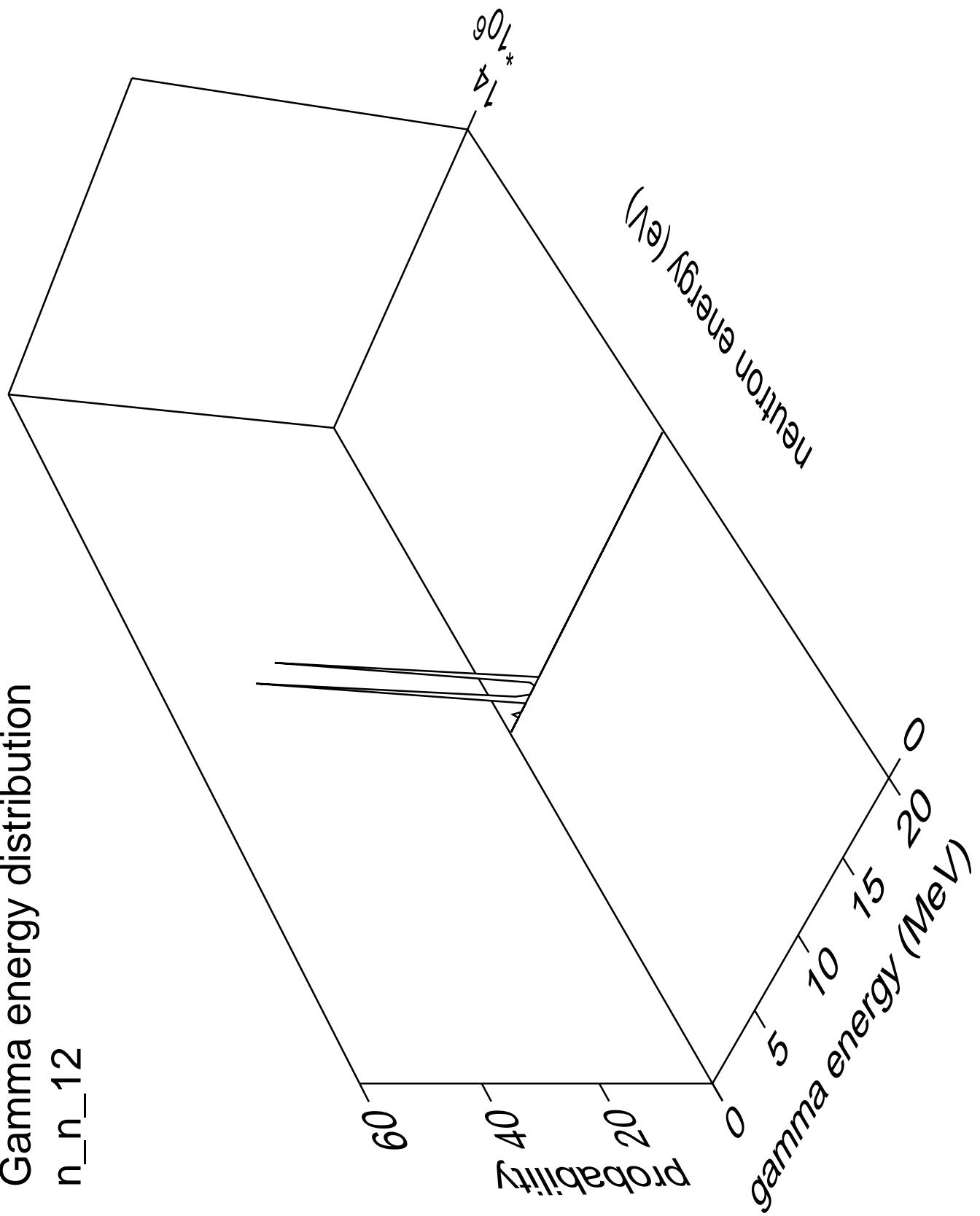
10

15

multiplicity



Gamma energy distribution n_n_12



Gamma angles distribution

n_n_12

Probability

10^0

10^6

10^4

1.0

0.5

0.0

cos(theta)

0

neutron energy (eV)

Gamma multiplicities distribution

n_n_12

8

6

4

2

0

Probability

10
multiplicity

15
0

Neutron energy (eV)

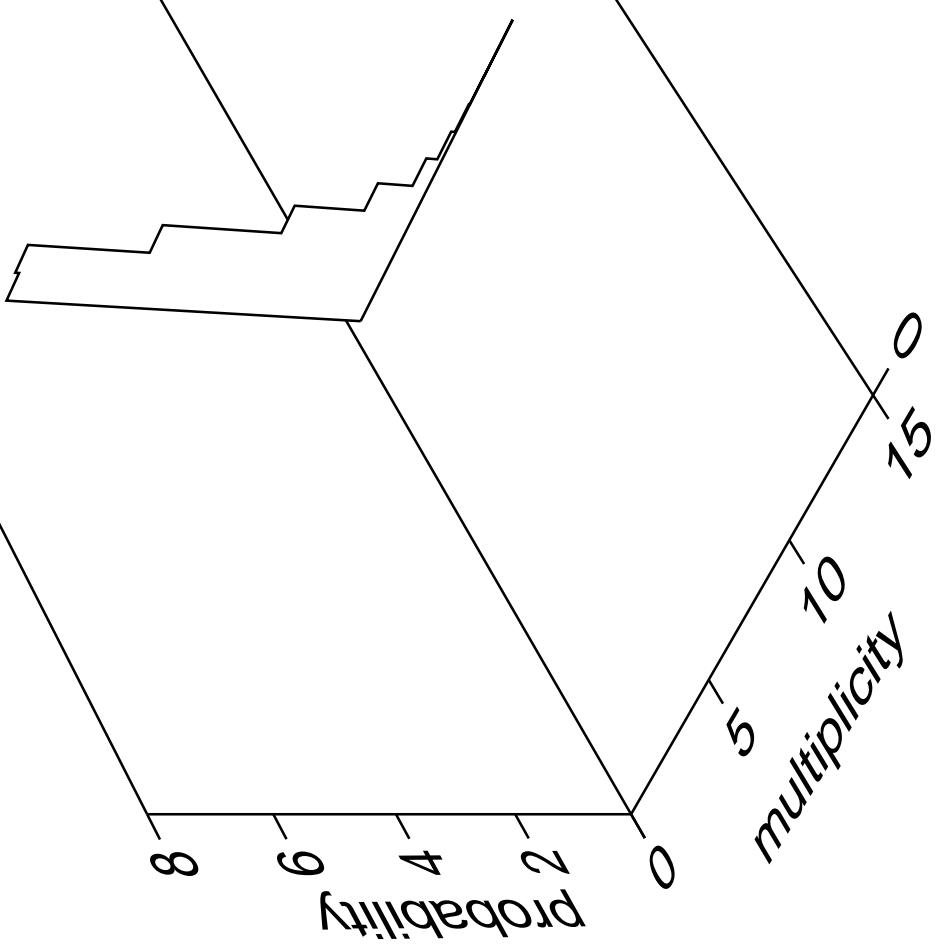
10⁶

*

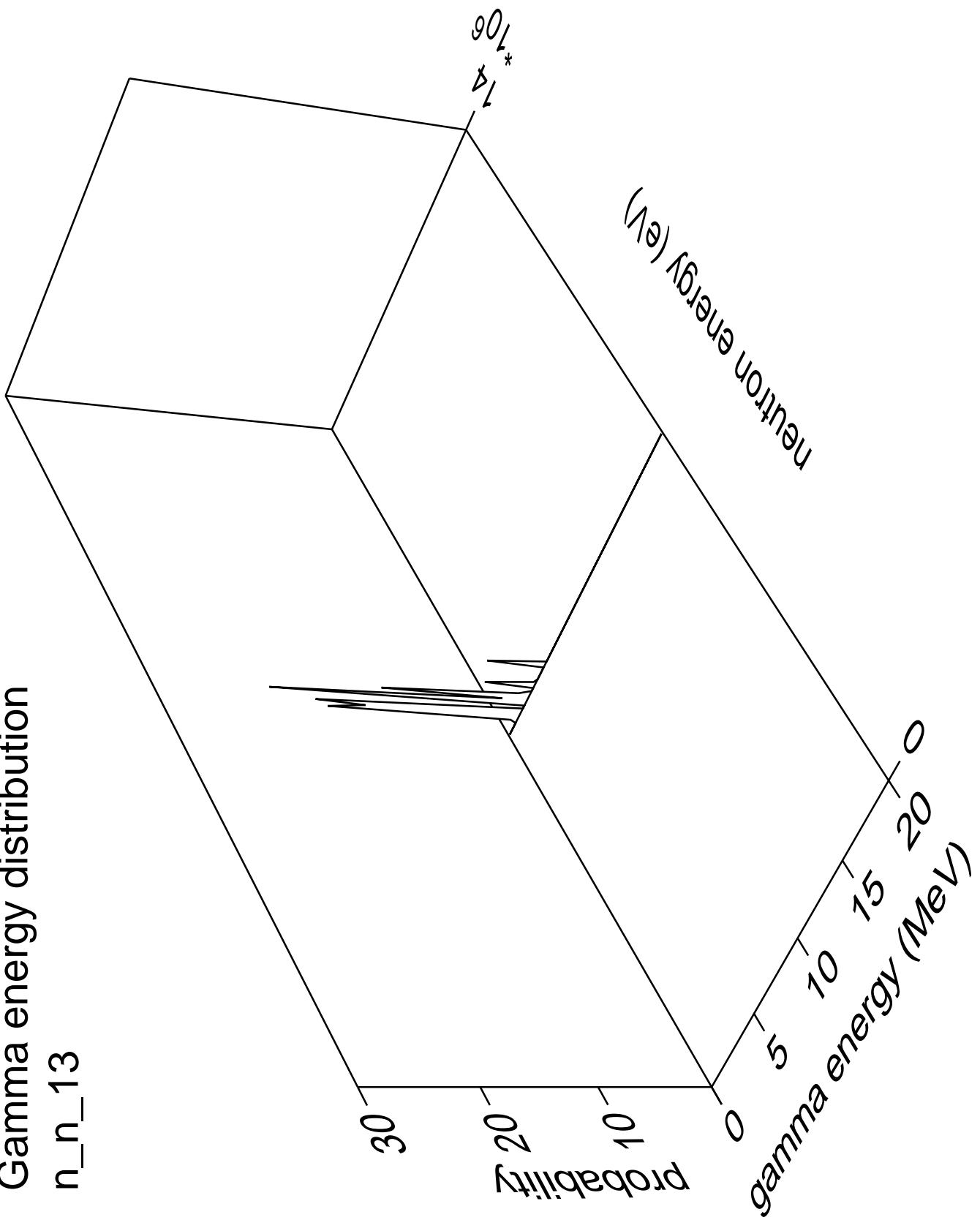
4

*

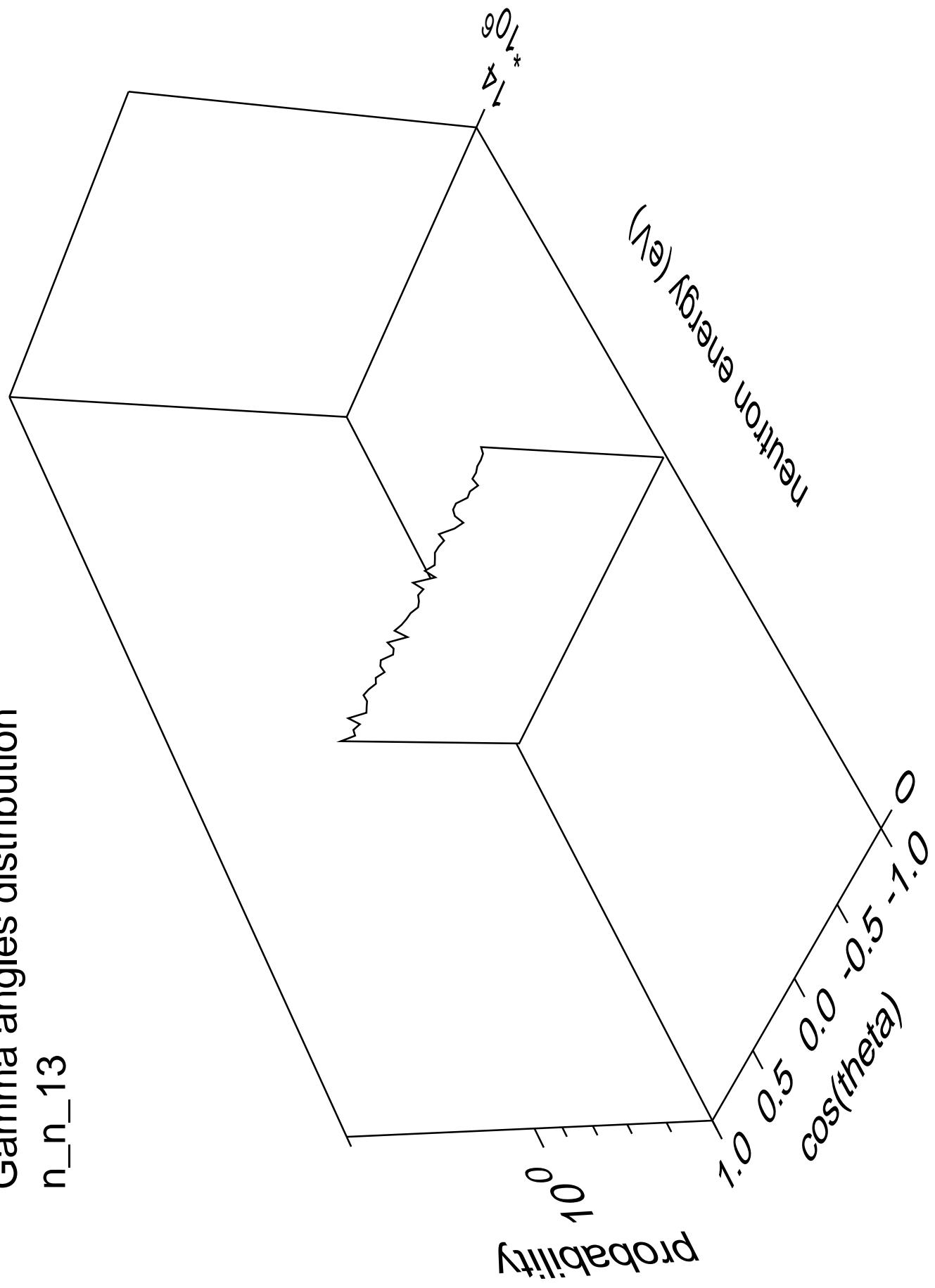
10⁶



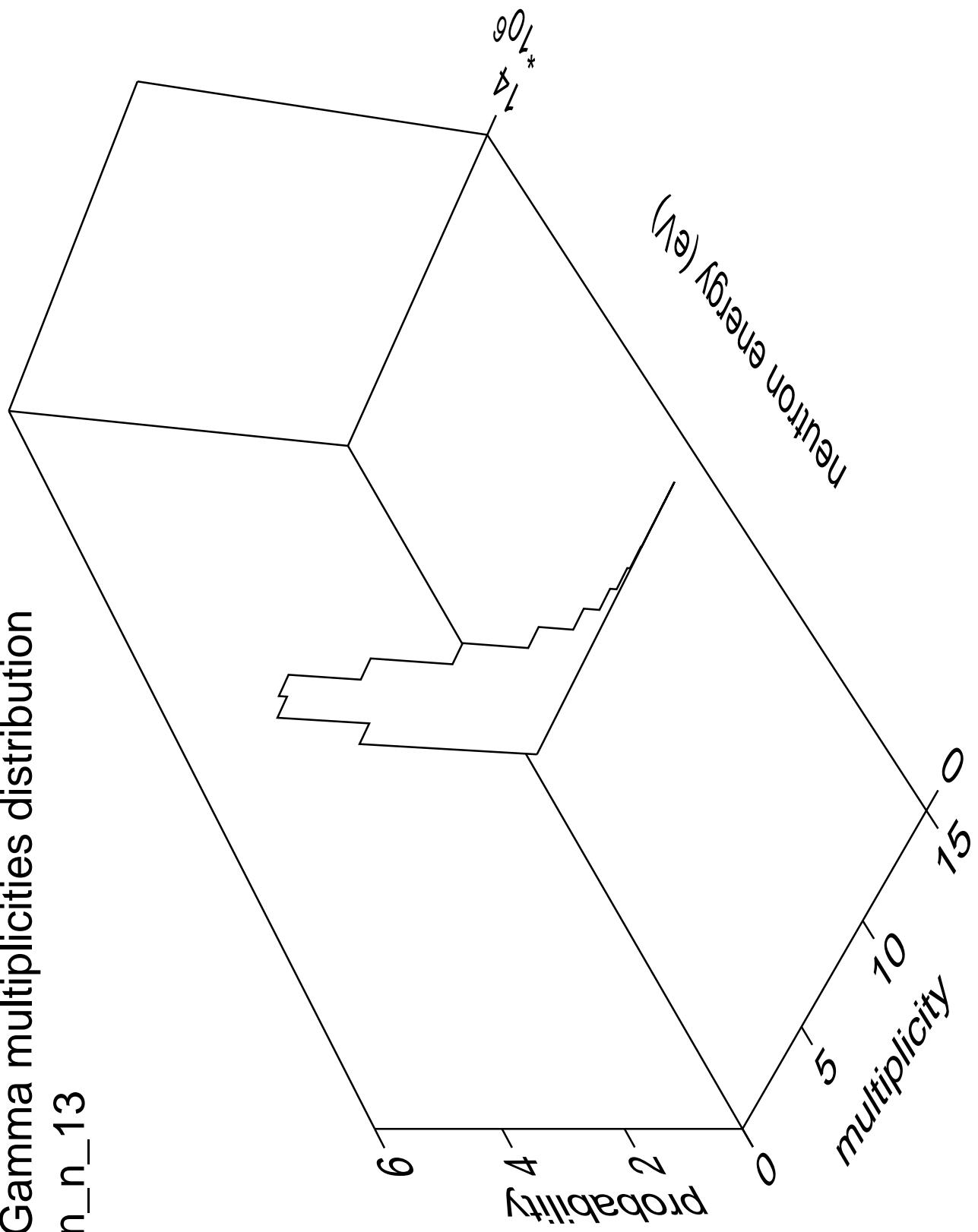
Gamma energy distribution n_n_13

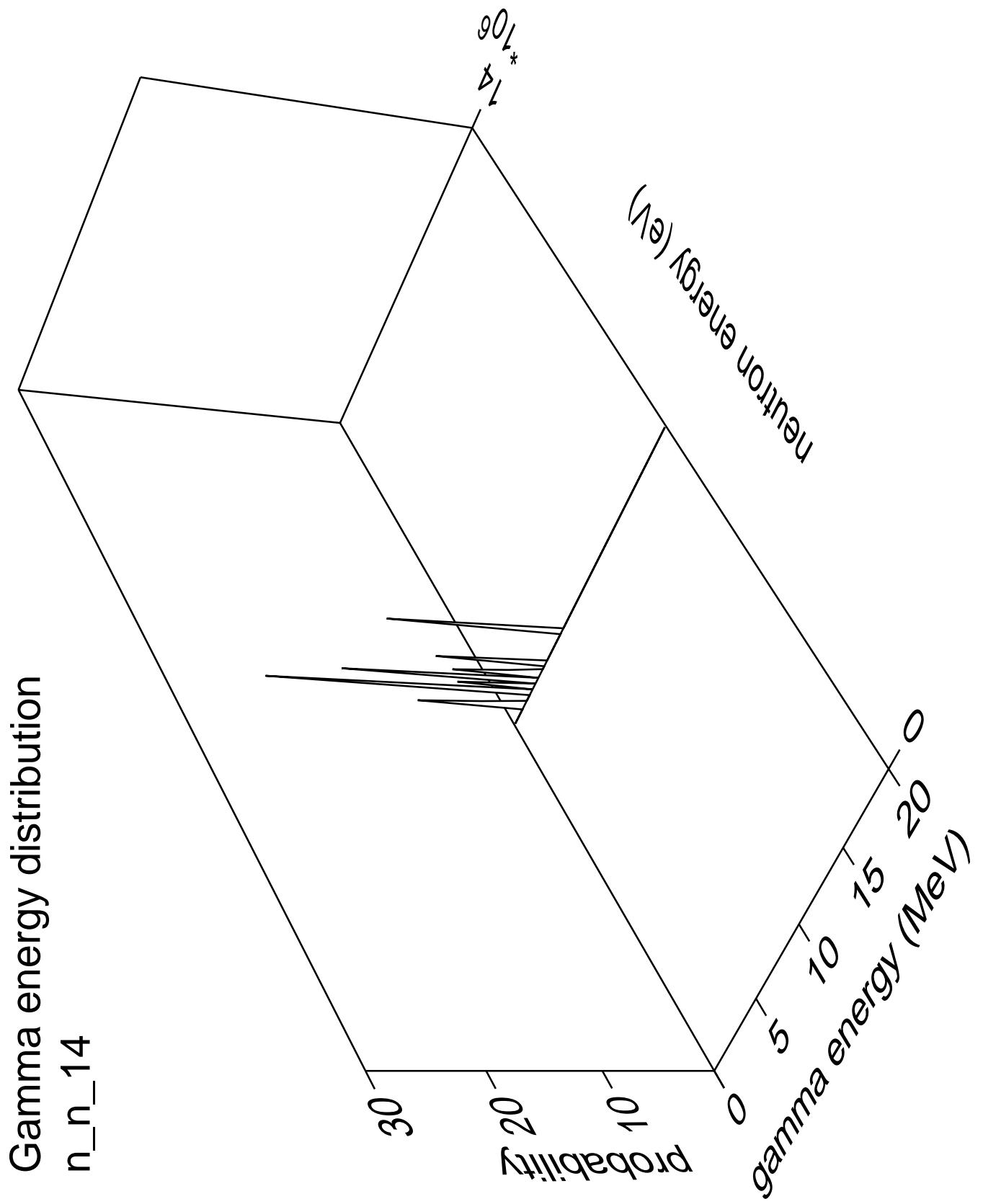


Gamma angles distribution
n_n_13



Gamma multiplicities distribution n_n_13





Gamma angles distribution
n_n_14

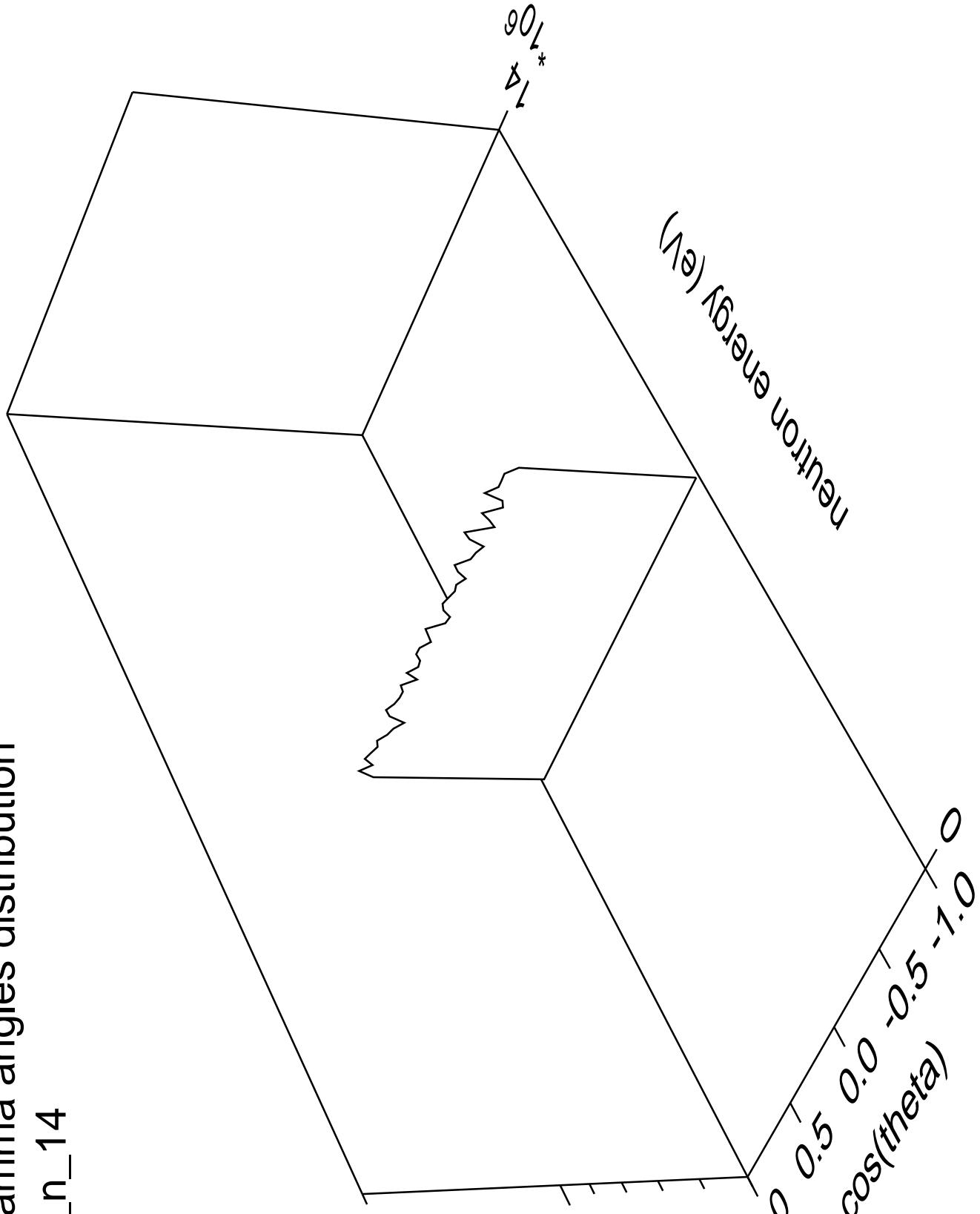
Probability

10^0

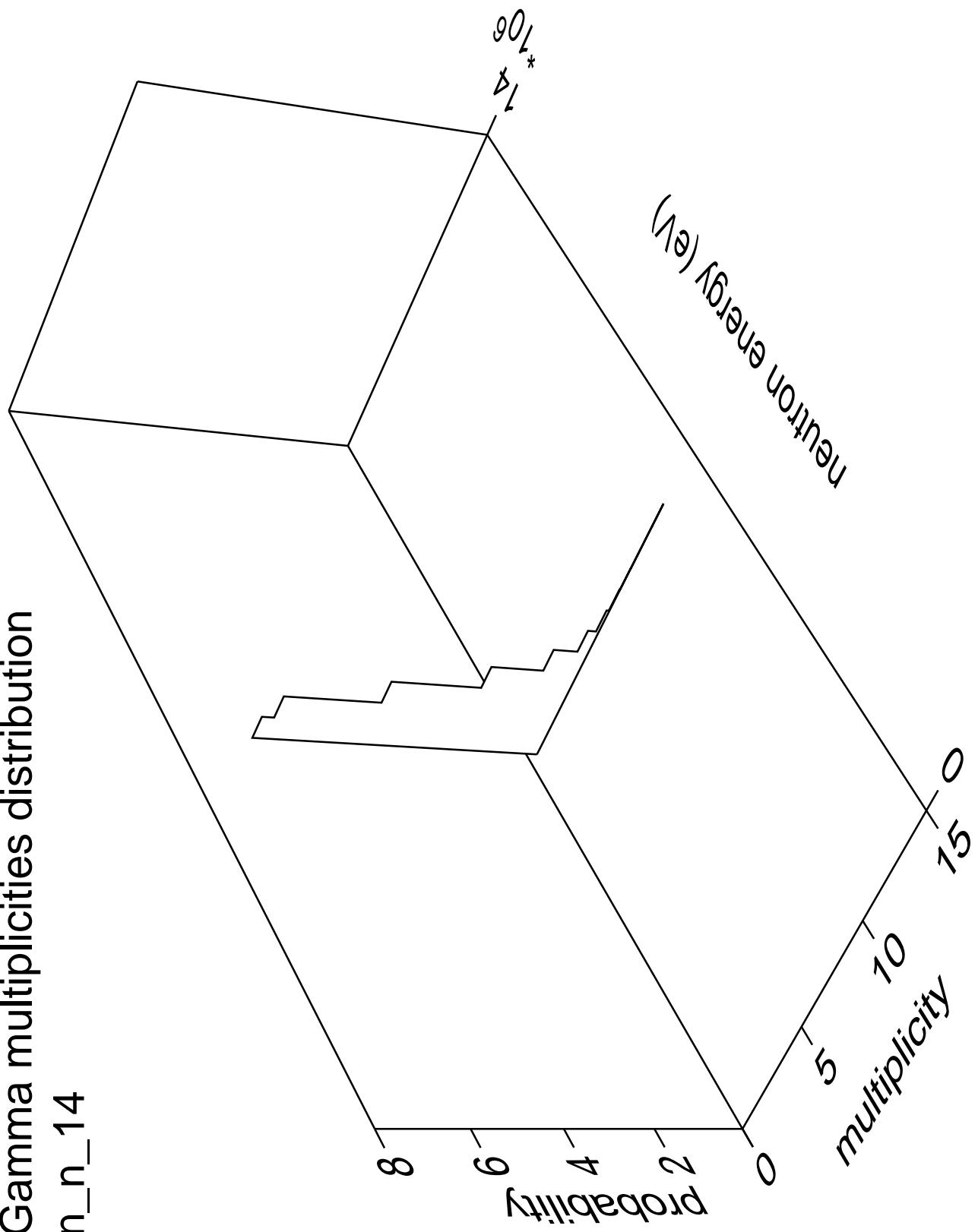
10^6

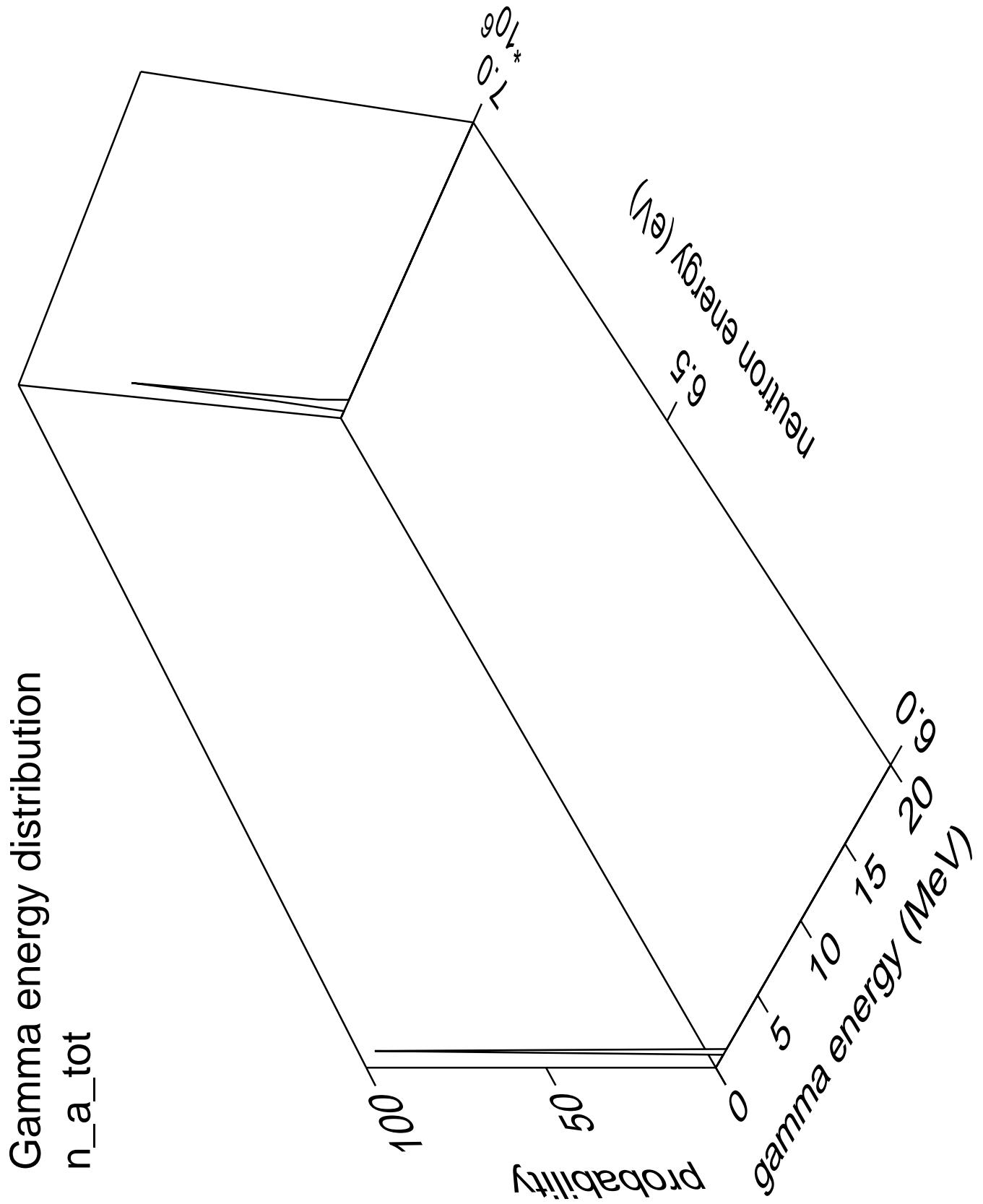
Neutron energy (eV)

0.0 0.5 1.0
0.0 0.5 1.0
 $\cos(\theta)$

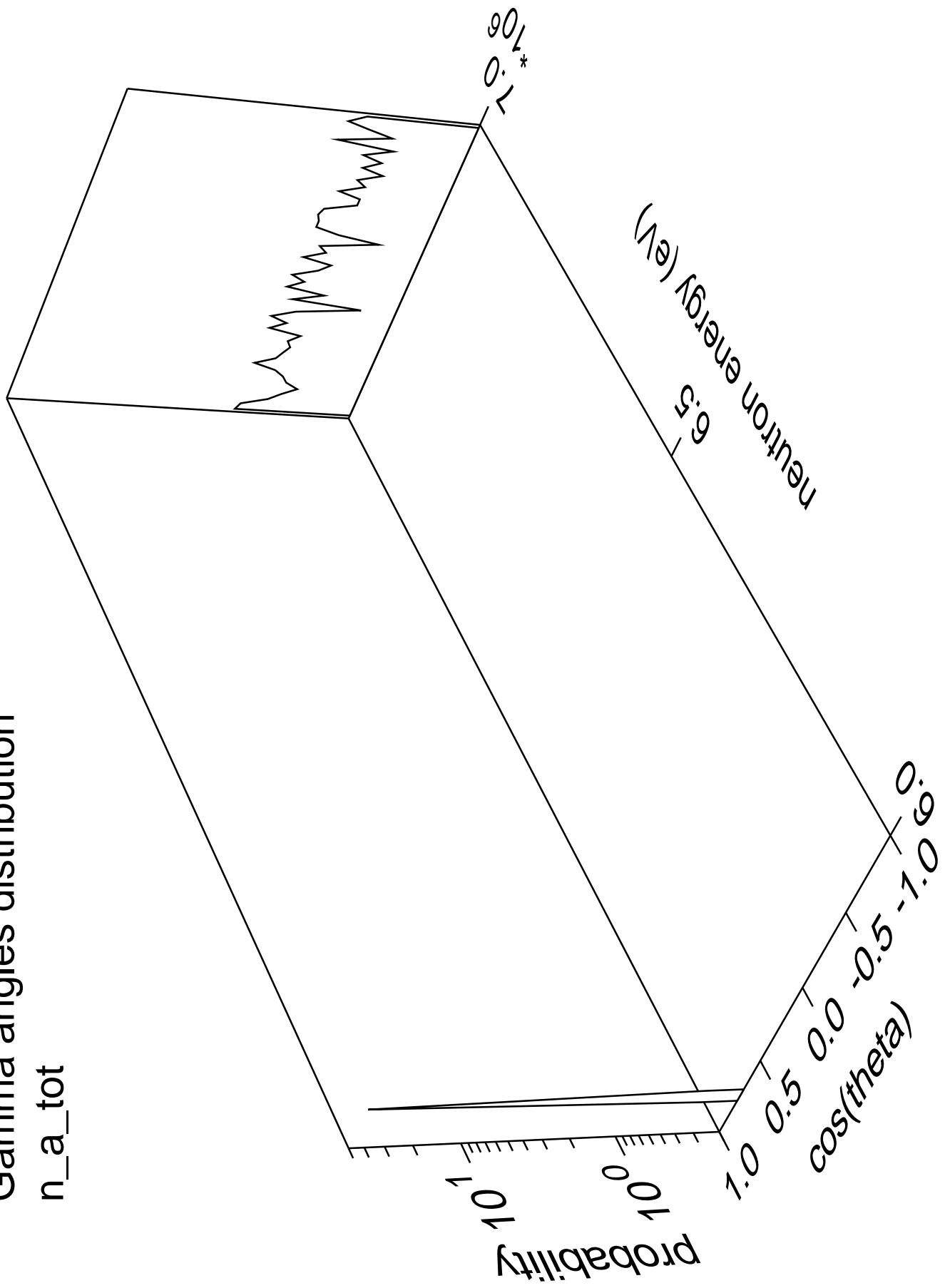


Gamma multiplicities distribution n_n_14





Gamma angles distribution
 n_a_{tot}



Gamma multiplicities distribution
 n_a_{tot}

